



**51<sup>st</sup> LIBER Annual Conference**

# **Libraries in the Research and Innovation Landscape**

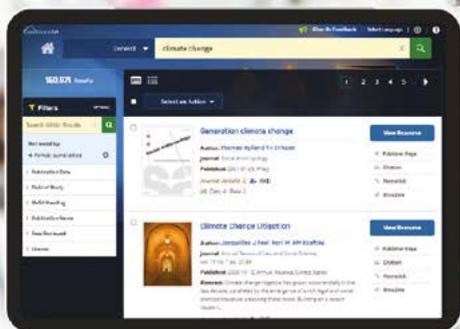
***Supporting, Partnering, Leading***

Hosted by University of Southern Denmark (SDU) Library  
in Odense, Denmark

**6 – 8 July 2022**



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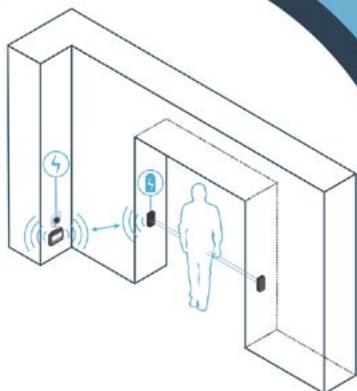
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Photos page 23, 61, and 89 by the  
Hans Christian Andersen Museum

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*Supporting, Partnering,  
Leading*

Hosted by  
University of Southern Denmark (SDU) Library  
in Odense, Denmark

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@LIBERconference  
#LIBER2022

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# LIBER 2022

## Main Programme at a glance

### MONDAY 4 AND TUESDAY 5 JULY

LIBER Leadership Seminar session and LIBER Committee Meetings: By invitation only. See full programme for details.  
Registration is open on Tuesday from 12:00 – 17:30.

### WEDNESDAY 6 JULY

<b>08:30-17:30</b>	Registration
<b>09:00-10:15</b>	Workshops
<b>10:15-10:30</b>	Coffee break
<b>10:30-12:00</b>	Workshops continued
<b>12:00-13:00</b>	(U71) Newcomer session
<b>12:00-13:00</b>	Lunch
<b>12:00-17:30</b>	Professional exhibition
<b>12:00-17:30</b>	Poster exhibition
<b>13:00-13:30</b>	(U45) Opening ceremony
<b>13:30-14:15</b>	(U45) Keynote: Oksana Brui, Scientific and Technical Library of 'Kyiv Igor Sikorsky Polytechnic Institute', President of the Ukrainian Library Association.
<b>14:15-14:45</b>	Coffee break
<b>14:45-16:15</b>	Parallel sessions (U42) 1. Libraries in the research landscape (U43) 2. Unlocking the AI potential (U46) 3. [re]inventing the future: tools & services (U47) 4. Managing & renovating collections

16:15-17:30	Knowledge café: The next LIBER strategy (location TBD)
19:00-23:00	Conference Dinner

<b>THURSDAY 7 JULY</b>	
08:30-17:30	Registration
09:00-17:30	Poster exhibition
09:00-17:30	Professional exhibition
09:00-9:45	(U45) Keynote: Karel Luyben, President EOSC Association
09:45-11:15	Parallel sessions (U42) 5. Fostering & building Open Communities (U43) 6. Data management: dealing with data challenges (U46) 7. Trailblazing training for higher education (U47) 8. Libraries driving initiatives
11:15-11:40	Coffee break
11:40-12:00	(U45) Poster session
12:00-12:30	(U45) Sponsor strategy update: Clarivate + ProQuest
12:30-13:30	Lunch
12:30-13:30	(Library - Mødelokale 1) LIBER Quarterly Editorial Meeting*
12:45-13:30	(Library - Undervisningslokale) Conference Programme Committee Meeting*
13:30-14:30	(U45) Panel session: Supporting EOSC: Putting institutions in the driving seat
14:30-15:00	Coffee break
15:00-16:00	(U45) Panel session: Supporting Diamond Open Access: Research libraries as funders, intermediaries & publishers

16:00-17:00	(U45) Meeting of Participants
19:00- 21:00	Conference Reception

### FRIDAY 8 JULY

8:30-12:30	Registration
9:00-12:30	Poster exhibition
9:00-12:30	Professional exhibition
9:00-10:30	Parallel sessions (U42) 9. Trusted partners in research data support (U43) 10. Ongoing Open Access: challenges & solutions (U46) 11. Research Assessment, production & systemic reviews; a role for research libraries (U47) 12. Paving the way: Digital access & preservation
9:00-10:30	(Library - Undervisningslokale) LIBER Executive Board Second Meeting*
10:30-11:00	Coffee break
11:00-11:45	Keynote: Darlene Cavalier, Arizona State University's School for the Future of Innovation in Society
11:45-12:00	Library Innovation Awards
12:00-12:30	Sponsor strategy update: EBSCO
12:30-12:45	Conference closing ceremony
12:45-13:15	Lunch & closing reception

### SATURDAY 9 JULY

9:00-15:00	Excursion in Odense
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\*By invitation only



# LIBER 2022

ODENSE 6-8 JULY



**It is my  
great pleasure  
to welcome you  
to LIBER's 51<sup>st</sup>  
Annual Conference,  
in the wonderful  
historical city  
of Odense.**

*Jeannette Frey, President LIBER*



After two years of virtual conferences, what a joy it is to be able to reconnect again in person! LIBER very successfully organised online conferences in 2020, and 2021 – the latter with a touch of the city of Belgrade. For the first time in the history of the organisation, thousands of colleagues from all over the world participated thanks to the conference being hosted online and hence freely accessible to all.

The Covid-19 pandemic was of course a challenging time, for research library professionals, libraries, and for LIBER. Nonetheless, it was also an interesting time to experience new ways of collaboration. Virtual has both its drawbacks and virtues.

During this time, many European research libraries extended their digital collections, digitisation of heritage progressed rapidly, cloud computing became a standard way for catalogues, and of course, we all participated in virtual activities using new tools we never knew about before.

Covid-19 was a first proof of concept for Open Science, especially in terms of the development of a vaccine. During this time, the European Open Science Cloud (EOSC) successfully established itself as an association and is continuously growing. LIBER became a member of the Association to follow up with developments around the EOSC. During the pandemic, LIBER also managed to bring many other services and all project events online. This enabled LIBER to maintain the level of service to its members.

On the other hand, the pandemic also made clear how important it is to be able to meet in person. We are humans, and we need to know each other to be able to connect and trust. We saw that social tensions came to the forefront during lockdowns. Issues about equity and inclusion were vividly discussed, even more so during lockdowns where access to content was often a challenge. We saw that these topics, and many more, need to be addressed by the research libraries and LIBER – not only during the pandemic but also in the years to come, as our institutions play a key role in the successful integration of all members of our communities.

We do live in trying times – just as we emerged from the pandemic, we were confronted by the war in Ukraine. In a matter of days, older colleagues were transported back to the time of the Cold War. The younger generation discovered, much to their horror, that the threat of nuclear war, which they thought to be truly over, was back here and now. Millions had – and continue – to leave their country to escape the bombings.

Despite these challenging times, libraries throughout Europe have organised community support activities, from collecting and sending food and medical supplies to refugees, to the purchase of products and services offered by Ukrainian companies.

We therefore approach this 51st LIBER conference acknowledging the tensions between democracies wishing to use the web and Open Science to develop a knowledge society, and autocratic regimes that use it to firmly control and regulate access to information.

This tension is reflected in the new LIBER strategy (2023 – 2027), as in the years to come it will be very relevant that research libraries are engaged and trusted hubs within our democracies, importantly holding up rights and values of our societies.

With this in mind, we welcome you to Odense, the city of Hans Christian Andersen, whose stories many of us know from childhood. Andersen lived in troubled, fast-moving times too, yet he was able to capture the hearts of his readers with powerful and imaginative storylines, storylines filled with hope. May his imagination inspire us to find solutions to the challenges of our time within our competent and energetic LIBER community.

*Have a great conference!*

Warm regards,  
**Jeannette Frey,**  
President LIBER



**Dear delegates,**

**dear voyagers,**

**dear friends.**

**Hjerteligt velkommen!**

**A heartfelt welcome!**

I am delighted to welcome LIBER delegates and participants from all over the World to the blooming summerly campus of University of Southern Denmark (SDU) in Odense.

The university and library staff are proud to welcome the LIBER Annual Conference back to Denmark as librarians from all over the world fly to meet up in Odense for the first time in history.

Like birds gathering around a pond in a story by Hans Christian Andersen – the ducks, chicken and swans of his fairytales – people from across the world of research libraries shall gather around a library and create their own adventure for a few days in early July.

As it happens, about a year before his public break-through, the famous Danish fairytale author Hans Christian Andersen applied for a job as a librarian at the Danish Royal Library. In his application he argued that he wanted the job so that he might be “relieved of the burden of writing”. Luckily for us, he did not get the job and continued writing. However, Andersen would probably have made a wonderful librarian: Curious, well-read, hardworking, a creative mind, and a bit odd at times too.

It is well known that Andersen’s fairytale about the ugly duckling is an autobiographic metamorphosis story built on his own life and that the mean ducks and chicken represent the citizens of his birth town Odense, while the swans represent the nobility that he himself so desperately wanted to be accepted among.

Hans Christian Andersen left Odense as a teenager in 1819 for the capital of Copenhagen, but in 1822 he returned to another campus city of SDU – the town of Slagelse – for a while to continue his studies, while he also got his first book published: In other words, the 51st LIBER Annual Conference happens to coincide with the 200th anniversary of the initiation of both Andersen’s academic education and his publishing career.

If we could bring Andersen back to life and to Odense, there would still be many features that he would recognize: The lush stream where his mother used to wash clothes for a living still traverses the city, and the parks alongside its shores remain a green oasis. The narrow, cobbled streets with hollyhocks and roses clinging to the small houses where he grew up are still there, and so is the church where he was baptized.

However, since Andersen left Odense, the number of inhabitants has in-

creased tenfold to more than 180,000 today. The city is the home of a thriving robotic industry, a booming environment for drone developments, and a center for health and medical sciences among many other things. E.g. Facebook has an enormous data center here. And Andersen would certainly be very proud of the newly opened Hans Christian Andersen Museum.

Last, the city is the home of SDU founded as University of Odense in 1966: The University is the working-place of more than 4,000 staff and 25,000 students, and of course a large and modern research library – founded by the Ministry of Culture as Denmark’s third regional research library in 1965 and merged with University of Odense and other educational institutions in 1998 to form SDU.

With a large student population, Odense has become a ‘young’ city with a vibrant student life with its own increasing demand for a modern and efficient infrastructure, nice restaurants and cafes, and an abundance of cultural events; and in recent years the city has been almost reborn from a sleepy midsized provincial city to a vibrant student hub, rated among the top 100 of cities to visit in the world.

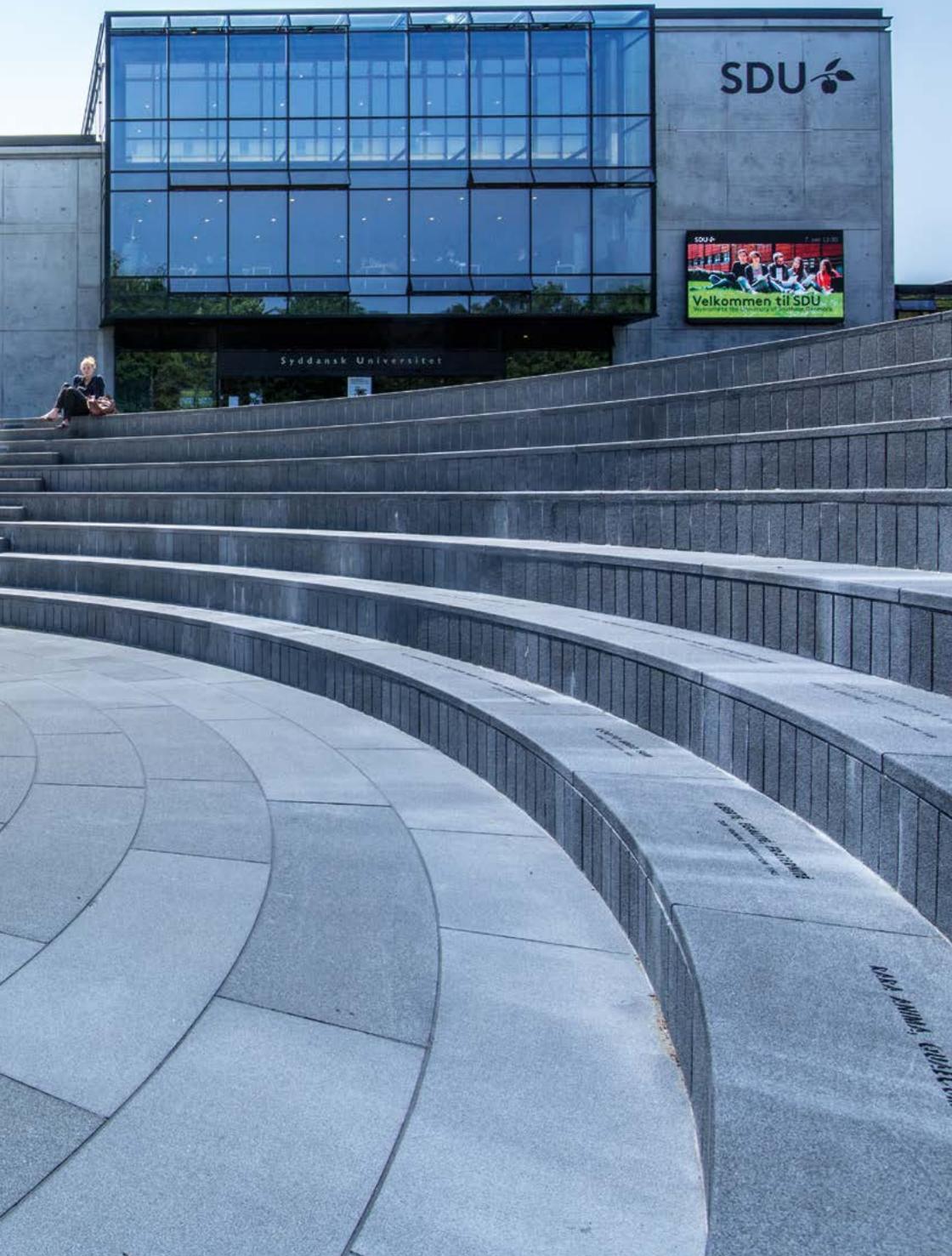
Since the foundation of LIBER in 1971, the Annual Conference has visited Andersen’s home country four times in 1978, 1988, 2000 and 2010: Three times in the capital of Copenhagen at the Royal Library with themes related to Interlibrary Lending, Collection Development, and Libraries as Global Information Leaders. The previous LIBER conference in Denmark in 2010 took place in the country’s second largest city Aarhus – at the State and University Library – and focused on Re-Inventing the Library. This year, the fifth LIBER conference in Denmark than takes place in Andersen’s birth town – the third largest city – with the theme Libraries in the Research and Innovation landscape.

We hope to see library people from all over the world attending the 2022 LIBER Annual Conference physically and in person! To quote Hans Christian Andersen: *“To move, to breathe, to fly, to float, To gain all while you give, To roam the roads of lands remote, To travel is to live.”* (Andersen, The Fairy Tale of My Life) – lets make our fairy tale together, in July, in Odense!



### **Bertil F. Dorch**

Library Director & Associate Professor  
University Library of Southern Denmark, SDU



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Velkommen til SDU  
Her møder du Lærere og Studerende

SDU AMPHITHEATRET

**Welcome to Odense:**

**a historic and recently**

**developed city**

With Covid-19 lockdowns being in the (recent) past it's a pleasure to welcome you to the LIBER 2022 Annual Conference. At the time of writing there are no restrictions in Denmark. We should all be careful, of course, but feel free to explore our city.

Established in 988 BC, Odense has a fair amount of history that dates back even further to the Stone Age. The first documented settlers were Vikings who established one of five ring castles of Denmark just south of the City Center on Nonnebakken. The name Odense is derived from *Odins Ve*, meaning Odin's sanctuary, after the Nordic god. Over time, the city grew slowly north of the ring castle. Recent excavations have shown that from the early 11<sup>th</sup> century, the town developed in the area around Albani Torv, Fisketorvet, Overgade and Vestergade.

By 1070, Odense had already grown into a city of stature in Denmark. King Canute IV, generally considered to be the last Viking king, was murdered in Odense's St Alban's Priory on 10 July 1086 by unruly peasants, discontent with the high taxes he imposed on the town. The original Albani Priory no longer exists, however there has continued to be a church on the location since approximately 900. If you want to visit, the tram goes right by the Albani Church (Albani Kirke), which is catholic, although the St. Canute's Cathedral (Sct. Knuds Kirke) is the one named after him. The crypt holds the remains of Canute and his brother Benedict.



More recent history is less violent. Odense became industrialized in 1850-1900 like most other northern European cities. Some of the old yellow- and redbrick factories remain but have been transformed and repurposed.

The most renowned of these is Brandt's Clothing Factory (Brandts Klædefabrik) that holds cultural institutions, restaurants, and cafés. Other hubs can be found in the pedestrian streets and at Storms Warehouse (Storms Pakhus) just north of the city center and the central railroad station. To visit, you can walk over the train tracks via the City Bridge (Byens Bro).

Odense is Denmark's third largest city with a population of about 180.000. Being a university and university college city with numerous other learning institutions it at times creates an outgoing atmosphere, although most of the students are on summer break until August.

In recent years Odense city center has undergone quite a transformation. In 2015 a big throughway (Thomas B. Thriges Gade) was permanently closed and new housing and a tramway have emerged since. This also brought the brand new, opened in 2022, Hans Christian Andersen Museum (honoring the globally known author of fairy tales) bringing attention from CNN, the New York Times and Timeout Magazine that mentions our fair city as one of 16 European cities to visit this year.

The museum has received rave reviews for its lowkey Scandinavian architecture, as well as modern facilities and storytelling. It is included in the LIBER 2022 excursion. If you plan to go on your own, make sure to book a timeslot in advance.

Other things to do in Odense are simply strolling around the old historic neighborhood around the museum, where in the past the poor people lived. It's pretty much restored to the glory of the 1800's. And perhaps a bit too much with house pricing ever going up. If you instead crave pastures green, consider taking the popular and relaxed hike along Odense Steam (Odense Å).

The walk originates in the parks in the city center and sprawls to the south towards Fruens Bøge. Here you can pick up a traditional Danish Æggekage at Carlslund (a tortilla with a lot of bacon) and get a pretty good Macchiato at the Velodrom Coffee Shop next door. Then simply take the train back.

*Sources: Odense City History vol. 1-10, Wikipedia, Odense City Archive.*



# Conference Essentials

## Wi-Fi Code – how do I get my code?

Each delegate will receive their own individual Wi-Fi code at the Registration Desk. This is linked to the email address used for registration.

Wi-Fi for visitors is also available via Eduroam throughout SDU Odense Campus.

## Transport – how do I get around in Odense?

The best way to arrange your journey from your arrival airport to Odense is by using the Journey Planner at [www.rejseplanen.dk](http://www.rejseplanen.dk).

In all likelihood, the train station and adjacent light rail platform will be your hub of transportation. From here, the brand new light rail departs regularly. Make sure to step on in the direction of Hjallesø st., and get off at the University of Southern Denmark st, which is on the Southern outskirts of Odense.

We recommend you buy a digital ticket. You can buy tickets in the FynBus app or online: <https://webshop.fynbus.dk/>. Buy a 1-day tourist ticket for 50 kr. or a 3-day tourist ticket for 125 kr. and travel all day. For more information see: <https://game.scratcher.io/tourist>.

Single tickets can be bought for 24 kr. and are valid for a period of 1h15min. Physical tickets can be bought at the train station, at the FynBus Customer Centre, Dannebrogsgade 10, 5000 Odense C.



And at the Academic Books booth in the Professional Exhibition at SDU Campus. Other locations that sell physical tickets can be found here: <https://www.fynbus.dk/odensebillet>

The taxi hub is on the north side of the station. The taxi company Taxa Syd has been informed we are hosting the LIBER conference. You can call here for a taxi: +45 66 15 44 15 or order a taxi online: [Bestil@taxasyd.dk](mailto:Bestil@taxasyd.dk).

If you are arriving by car, there is ample, free parking at the University. Just follow directions to Campusvej 55, 5230 Odense.

### **Catering – what catering is provided?**

Tea, Coffee and lunch breaks are provided for all delegates. If you have notified a dietary request there will be a note on your badge.

### **Opening times of the registration desk.**

Our LIBER2022 Conference staff are available to assist you at the Registration Desk during the following hours:

**Tuesday: 12:00–17:30**

**Wednesday: 08:30–17:30**

**Thursday: 08:30–17:30**

**Friday: 08:30–12:30**

### **Presentations on Zenodo**

Participants will find many of the conference presentations in the LIBER 2022 Zenodo Community. See [zenodo.org](https://zenodo.org).

### **Contact email:**

[LIBER2022@sdu.dk](mailto:LIBER2022@sdu.dk)

### **More information?**

Please scan this QR code for up to date conference essentials.



# Social Programme



## **Gala Dinner–Wednesday**

The Gala Dinner for LIBER 2022 will take place at the Golden Palace, an unconventional venue situated just north of the Odense central train and bus station. Join us for an evening of dinner and entertainment with your fellow conference delegates.

**Date: Wednesday, July 6th**

**Location: The Golden Palace**

**Address: Wichmandsgade 10, 5000 Odense**

**Start time: 19:00**

**Dress code: Smart/Casual**

*Note, you must have booked in advance.*



## **Welcome Reception –Thursday**

Join us for an evening of drinks and nibbles at the "The House of the Citizens", where Odense's new public library is situated. An architectural gem located in the center of the city and only few 100 meters from the famous street food market "Storms Pakhus".

**Date: Thursday, July 7th**

**Location: House of the Citizens (Borghernes Hus)**

**Address: Østre Stationsvej 15, 5000 Odense**

**Start time: 19:00**

**Dress code: Smart/Casual**

*Note, you must have registered in advance.*

## **Excursion in Odense City –Saturday**

Join us for an informal day in Odense City, where we will experience the oldest, as well as the newest part of the city center. In the newly built H.C. Andersen Museum we will get an unpredictable and captivating journey through the famous author's universe and beloved tales. After a Danish lunch, we will continue our city-walk ending the day in the magnificent medieval cathedral, which is named after the Saint King Canute 4.

**Date: Saturday, July 9th**

**Start time: 9:00.**

**Dress code: Casual/According to the weather**

*Note, you must have registered in advance.*



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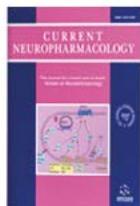
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Impact Factor: 7.36



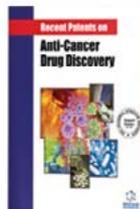
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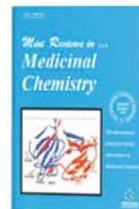
Impact Factor: 4.39



Impact Factor: 4.39



Impact Factor: 4.17



Impact Factor: 3.86

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## Clarivate + ProQuest:

How bringing two leaders together will enable libraries to fulfill ambitious research missions

7 July 2022, 12:00–12:30pm, Odense, Denmark

This 30-minute session includes:

- an update on the 2021 integration of these two industry leaders
- an overview of the new product roadmaps
- a look ahead at integrated solutions for collection management, researcher profiles, and research administration



### Come and meet the team

Clarivate, ProQuest and Ex Libris representatives are ready to welcome you at stand number 42



**ExLibris.**  
Part of Clarivate

# RETRONEWS

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### Open Infrastructure

Our focus on integrations and interoperability means libraries have a choice of applications and can meet their users where they are.

### Open Community

Partake in a community of peers and discuss all things open — open access, open science, open infrastructure and open source.



# Pre-conference programme

<b>MONDAY 4 JULY 2022</b>	
<b>12:00-13:00</b>	Executive Board Lunch* - Library Teaching room (Undervisningslokale)
<b>13:00-14:30</b>	Finance Committee Meeting* - Library Teaching room (Undervisningslokale)
<b>14:30-16:00</b>	Executive Board Meeting* - Library Teaching room (Undervisningslokale)
<b>16:00-17:00</b>	Steering Committee Chairs Meeting* - Library Teaching room (Undervisningslokale)

<b>TUESDAY 5 JULY</b>	
<b>12:00-17:30</b>	Registration – Registration desk, South end of Gydehutzen hallway, SDU Campus
<b>09:00-18:00</b>	Emerging Leaders Programme Cohort 5* - Sky (North of SDU main building)
<b>09:30-12:30</b>	Executive Board Meeting* - Library Teaching room (Undervisningslokale)
<b>12:30-13:00</b>	Executive Board lunch - Library Teaching room (Undervisningslokale)
<b>13:00-14:00</b>	Digital Skills and Services Steering Committee Meeting* - Library Meeting room 1 (Mødelokale 1)
<b>13:00-14:00</b>	Innovative Scholarly Communication Steering Committee Meeting* - Library Meeting room 2 (Mødelokale 2)
<b>14:00-17:00</b>	Citizen Science Working Group Meeting* - Library Meeting room 1 (Mødelokale 1)
<b>16:00-17:00</b>	Educational Resources Working Group Meeting* - Library Teaching room (Undervisningslokale)

\*By invitation only

# Conference Programme

<b>WEDNESDAY 6 JULY 2022</b>
<b>08:30-17:30</b> Registration – Registration desk, South end of Gydehutzen hallway, SDU Campus
<b>Pre-Conference Workshops</b>
<b>09:00-12:00</b> Open to Society: New networks, strategy, and in practice - U130
<b>09:00-12:00</b> Digital Scholarship Now! - O95
<b>09:00-12:00</b> Data Science in Libraries: Landscape Analysis & Survey - O94
<b>09:00-12:00</b> Sharing and Caring: Research Libraries connecting with user communities and openly sharing electronic content for educational purposes - O99
<b>09:00-12:00</b> Positioning the library as a valued partner in our Universities in an open science world - U81
<b>09:00-12:00</b> Leadership: the next step* - U74
<b>09:00-12:00</b> Data management cooperation in practice: Lesson learned - U133
<b>09:00-12:00</b> LIBER Four Urgent Recommendations for Open Access Negotiations with Publishers - O96

<p><b>09:00-12:00</b>  Assessing, Financing and Maintaining Open Access Infrastructures: a New Role for Libraries - O97</p>
<p><b>09:00-12:00</b>  The eBook dilemma:  copyright, licencing and digital lending in libraries - U132</p>
<p><b>10:15-10:30</b>  Coffee Break – Campustorvet – North end of Gydehutzen hallway</p>
<p><b>10:30-12:00 Pre-conference workshops continued</b></p>
<p><b>12:00-13:00</b>  Newcomer Session - U71</p>
<p><b>12:00-13:00</b>  Lunch – South Cafeteria</p>
<p><b>12:00 - 12:30:</b>  Meet &amp; Greet with the LIBER Quarterly Managing Editor, Trudy Turner at the LIBER desk.</p>
<p><b>12:00-13:30</b>  LIBER Leadership Working Group Meeting**  - Library Meeting room 2 (Mødelokale 2)</p>
<p><b>13:00-13:30</b>  Opening Ceremony – U45  Welcome from Jeannette Frey, LIBER President  Welcome from – Jens Ringsmose - Rector SDU  Reply by:  Jeannette Frey, LIBER President  Opening of Meeting of Participants***</p>

*\*This workshop is exclusively for those who have participated in cohorts 1-5 of the LIBER Emerging Leaders programme. \*\*By invitation only. \*\*\*The Meeting of Participants is the Annual General Meeting of LIBER, and is open to all delegates.*

**13:30-14:15**

Opening Keynote - U45

Invited Speaker: Oksana Brui, Ukrainian librarian, public activist, Ph.D in social communication, Director of the Scientific and Technical Library of 'Kyiv Igor Sikorsky Polytechnic Institute', since 2018  
- the President of the Ukrainian Library Association

Chair: Julien Roche, LIBER Vice-President, Director of Libraries at University of Lille

**14:15-14:45**

Coffee Break – South Cafeteria

**Parallel Sessions****14:45-16:15**

Session I: Libraries in the Research Landscape – U42

Chair: Giannis Tsakonas, Library & Information Center, University of Patras, Greece

- 1.1 Partners and pioneers: The role of academic and research libraries as active participants and leaders in the production of scholarly research, Matthew Greenhall, Research Libraries UK, United Kingdom
- 1.2 Engaging with researchers about Open Science at université Paris Dauphine-PSL (France): the Open Science Bingo, Christine Okret-Manville, Université Paris Dauphine-PSL, France
- 1.3 The evolving research librarian: Emerging roles and responsibility in support of reproducible science, Birgit Schmidt, Goettingen University, Germany, Lucia Loffreda, Research Consulting, UK





**14:45-16:15**

Session 2: Unlocking the AI potential – U43

Chair: Anna Clements, University of Sheffield, United Kingdom

- 2.1 Leveraging artificial intelligence to explore and analyse digital collections: a roadmap for the national library of France, Emmanuelle Bermes, Bibliothèque nationale de France, France
- 2.2 Research project leadership: perspectives from a cross-organisational case investigating the role of AI-powered search, Lorna Wildgaard, The Royal Library/Copenhagen University Library, Denmark, Anne Vils Møller, The Royal Library, Aarhus University Library, Denmark
- 2.3 Engaging in research and cultural heritage collaborations to endorse AI and machine learning activities, Liisa Maria Näpärä, Päivi Maria Pihlaja, National library of Finland, Finland

Lightning talk: Academic Libraries as Hubs for AI Based Culture Diplomacy, Adam Sofronijević, University library "Svetozar Markovic", Serbia

**14:45-16:15**

Session 3: [re]inventing the future: tools & services – U46

Chair: Liisi Lembinen, University of Tartu Library, Estonia

- 3.1 Research Integrity and The Future of Scholarly Communication: Internet Trackers and Algorithmic Persuasion, Tiberius Ignat, Scientific Knowledge Services, Germany,
- 3.2 The Potential of Digital Scholarship Centers as a Technical and Innovative Catalyst for Machine Learning and Data Visualization across the Research Enterprise, Xuemao Wang, James Lee, University of Cincinnati, United States of America
- 3.3 Supporting Sámi languages in digital services , Riitta Koikkalainen, Niko Partanen, National Library of Finland, Finland

**14:45-16:15**

Session 4: Managing & renovating collections – U47

Chair: Heli Kautonen, Suomalaisen Kirjallisuuden Seura  
– Finnish Literature Society, Finland

- 4.1 Bridging the Gap: Enhancing Digital Discoverability of Special Collections, Adam Barry, Lean Library, United Kingdom, Andrew Barker, Lancaster University, United Kingdom
- 4.2 De-coding our Collections : Enhancing data literacy, research, and outreach through cultural heritage hackathons, Karolina Andersdotter, Åbo Akademi University, Finland
- 4.3 Landscaping with books — How to repurpose the print collection to foster community building and knowledge creation, David Oldenhof, University Library Vrije Universiteit Amsterdam, The Netherlands

Lightning talk: Can Brocade be friends with data science?  
An implementation story, Linda Sile-Shriram, Alain Descamps,  
University of Antwerp Library, Belgium

**16:15-17:30**

Knowledge Café: The next LIBER Strategy – Location to be announced.

**19:00-23:00**

Conference Dinner – Golden Palace





## THURSDAY 7 JULY 2022

### 08:30-17:30

Registration – Registration desk,  
South end of Gydehutzen hallway, SDU Campus

### 09:00-9:45

Keynote speech: Karel Luyben, President EOSC Association  
*European Open Science Cloud: the road ahead*

Chair: Jeannette Frey, LIBER President, BCU Lausanne

### Parallel Sessions

#### 9:45-11:15

Session 5: Fostering & building Open Communities – U42

Chair: Anna Lundén, National Library of Sweden, Sweden

- 5.1 Launching the Forum for Open Research in MENA,  
Emily Choynowski, Knowledge E, United Arab Emirates
- 5.2 The role of research libraries in a national Open Science roadmap  
- the example of France, Julien Roche, University of Lille, France
- 5.3 The ZHAW OER Community at the heart of fostering strategic aims  
of the university: digital transformation, lifelong learning, societal integration, and sustainability, Nicole Krüger, Yvonne Klein, ZHAW - Zurich  
University of Applied Sciences, University Library, Switzerland

Lightning talk: How to facilitate fruitful innovative partnerships:  
Lessons from a library-startup-collaboration, Jesper Solheim Johansen,  
Keenious, Norway, Lars Figenschou, UiT The Arctic University of Norway

**9:45-11:15**

Session 6: Data management: dealing with data challenges – U43

Chair: Simone Kortekaas, Wageningen University & Research  
- Library, The Netherlands

- 6.1 French national data management policy: the key role of libraries in the strategic issue of data management, Cecile Swiatek, Université Paris Nanterre, France
- 6.2 Automating subject indexing at ZBW – the costs of the digital transformation and why we need less projects, Anna Kasprzik, ZBW – Leibniz Information Centre for Economics, Germany
- 6.3 Responding to local data support challenges through a global student DataSquad, Deborah Wiltshire, GESIS Institute for Social Sciences, Germany

**9:45-11:15**

Session 7: Trailblazing training for higher education – U46

Chair: Hilde van Wijngaarden,  
Vrije Universiteit Amsterdam, The Netherlands

- 7.1 A modular and community-driven FAIR teaching and training handbook for higher education institutions, Birgit Schmidt, Göttingen State and University Library, Germany, Armin Straube, University of Limerick, Ireland
- 7.2 Open science and communities of researchers: the big gap in training. A case study at Sorbonne University, Pascale Pauplin, Sorbonne University, France
- 7.3 An Open Science Mooc: drawing on the strengths of collaboration between institutions, Marion Brunetti, Muséum national d'Histoire naturelle, France, Violaine Jacq, Sorbonne University, France, Pascale Pauplin, Sorbonne University, France

**9:45-11:15**

Session 8: Libraries driving initiatives – U47

Chair: Martin Moyle, University College London Library Services, United Kingdom

8.1 Careers Library: unconventional collaboration to boost learning, Tatiana Usova, Carnegie Mellon University in Qatar, Doha

8.2 Experimenting with Research Services in the Library: a Case Study from the University of Angers (France), Zoe Anna Hardy, University of Angers, France

8.3 Libraries and the Research Culture Lens at the Universities of Glasgow and Leeds, Claire G Knowles, University of Leeds, United Kingdom, William J Nixon, University of Glasgow, United Kingdom

**11:15-11:40**

Coffee Break – South Cafeteria

**11:15 - 11:45:**

Meet & Greet with the LIBER Quarterly Managing Editor, Trudy Turner at the LIBER desk.



## 11:40-12:00

Poster Session – U45

Chair: Adam Sofronijević, University Library "Svetozar Marković",  
University of Belgrade, Serbia

- Research Data Management in the MES-CoBraD project: what's in it for research libraries?  
Oliver Blake, LIBER, The Netherlands
- Libraries as Innovators for Open Science, Thomas Kaarsted, University Library of Southern Denmark, Simon Worthington, German National Library of Science and Technology
- OPERAS Metrics: the open source alternative,  
Brian Hole, Ubiquity Press, United Kingdom
- PRISM: Developing an information service for monographs together with the publisher community, Niels Stern, OAPEN, The Netherlands, Argos DMP outputs: bringing automation and validated data in the writing process by connecting data workflows, Elli Papadopoulou, ATHENA Research & Innovation Center, Greece
- Thinking out of the stacks, Jakob Povl Holck, Mogens Kragstig Jensen, University Library of Southern Denmark, Denmark
- Navigating the Research Lifecycle for the Modern Researcher: Developing an OER ebook for Researchers, Brianna Buljung, Colorado School of Mines, Emily Bongiovanni, Carnegie Mellon University
- The Slovenian Open Science Community: A Cooperative Approach for Common Benefits, Irena Vipavc Brvar, University of Ljubljana, Faculty of Social Sciences, Social Science Data Archive, Slovenia
- E-resources: Croatian science on its way to openness,  
Alisa Martek, National and University Library in Zagreb, Croatia
- A text analysis of four levels of academic librarian involvement and its impact in an inquiry-based learning course,  
James E Murphy, University of Calgary, Canada
- Central bibliometric research system – a step towards standardizing the role of libraries in providing bibliometric services,  
Maja Mihalić, National and University Library in Zagreb, Croatia
- Joining forces: building a community of Data Ambassadors across universities in Brussels-Wallonia Federation (Belgium),  
Adeline Gard, Université Catholique de Louvain, Belgium

**12:00-12:30**

Sponsor: Strategy Update – U45

Chair: Lars Burman, Uppsala University Library, Sweden

Clarivate + ProQuest: How bringing two leaders together will enable libraries to fulfil ambitious research missions, Francesca Buckland, Director of Product Management, Clarivate

**12:30-13:30**

LIBER Quarterly Editorial Board Meeting\*

- Library Meeting room 1 (Mødelokale 1)

**12:30-13:30**

Lunch – South Cafeteria

**12:45-13:30**

Conference Programme Committee Meeting\*

- Library Teaching room (Undervisningslokale)

**13:30-14:30**

Panel Discussion: Supporting EOSC:  
Putting Institutions in the Driving Seat – U45

Chair: Irena Vipavc Brvar, University of Ljubljana,  
Faculty of Social Sciences, Social Science Data Archive,  
Slovenia and CESSDA/EOSC Future

Panellists:

Sarah Jones (GÉANT and EOSC Future)

Pedro Principe (University of Minho and OpenAIRE/EOSC Future)

Dunja Legat (University of Maribor Library / NI4OS-Europe)





**14:30-15:00**

Conference Picture (TEK) - Coffee Break – South Cafeteria

**15:00-16:00**

Panel Discussion: Supporting Diamond Open Access:  
Research libraries as funders, intermediaries and publishers – U45

Chairs: Katharina Schulz, Technische Informationsbibliothek (TIB),  
Germany and Juliane Finger, ZBW -Leibniz information centre  
economics, Germany

Panellists:

Sarah Dellmann, Katharina Schulz, Martina Benz (KOALA)

Demmy Verbeke (KU Leuven Fair OA Fund)

Juliane Finger (OLEcon project)

Xenia van Edig (TIB Open Publishing)

**16:00-17:00**

Meeting of Participants\* – U45

**19:00-21:00**

Conference Reception - House of the Citizens

## FRIDAY 8 JULY 2022

### 8:30-12:30

Registration – Registration desk,  
South end of Gydehutzen hallway, SDU Campus

### Parallel Sessions

#### 9:00-10:30

Session 9: Trusted partners in research data support – U42

Chair: Hardy Schwamm, James Hardiman Library,  
National University of Ireland, Galway, Ireland

9.1 Building a research data support service from an experiment:  
the case of the University of Strasbourg, Stéphanie Cheviron,  
Adeline Rege, University of Strasbourg, France

9.2 Data as a new research publication type:  
What could be the role of research libraries as service providers?  
Mari Elisa Kuusniemi, Helsinki University Library, Finland,  
Susanna Nykyri, Tampere University Library, Finland

Lightning talk: About methodologies for user-centered  
design of research data services, Karin Cecilia Rydving,  
University of Bergen, Norway

#### 9:00-10:30

Session 10: Ongoing Open Access: challenges & solutions – U43

Chair: Émilie Barthelet, Bourgogne Libraries Services, Dijon, France

10.1 Lessons Learned From University of Lausanne's 360-degree  
OA Strategy and Collaboration with ChronosHub,  
Martin Jagerhorn, ChronosHub, Denmark

10.2 E-lending in Europe: an intricated business,  
Giuseppe Vitiello, EBLIDA, The Netherlands

10.3 Community-building in action: The Open Access Books Network,  
Tom Mosterd, OAPEN, Netherlands

Lightning talk: Have we got an electronic leg to stand on?  
Highly specialized research libraries and their electronic offerings  
post-Covid, Juergen Warmbrunn, Herder Institute for Historical  
Research on East Central Europe, Germany

**9:00-10:30**

Session 11: Research Assessment, production & systemic reviews; a role for research libraries – U46

Chair: Bertil F. Dorch, University Library of Southern Denmark, Denmark

- 11.1 How research libraries can contribute to reform the research evaluation system, Maxence Larrieu, Université Paris Cité, France
- 11.2 The Role of Academic Libraries in Scientific Production Evaluation – the Experience of University of Zagreb, Croatia, Branka Marijanović, University of Zagreb Faculty of Electrical Engineering and Computing, Croatia, Tatijana Petrić, Central Office for Coordinating Libraries of University of Zagreb, Croatia
- 11.3 Faking It 'Til We Make It: Libraries Supporting Researchers in Systematic and Scoping Reviews, Anna Marie Johnson, Alyssa Denneler, Amy Minix, Indiana University, United States of America

**9:00-10:30**

Session 12: Paving the way: Digital access & preservation - U47

Chair: Martin Moyle, University College London Library Services, United Kingdom

- 12.1 The nestor Digital Preservation Community Survey: What does the landscape for digital preservation communities look like? Monika Zarnitz, ZBW - Leibniz Information Center for Economics, Germany
- 12.2 Long-term digital preservation of research data as a community-specific project, Katharina Markus, ZB MED - Information Centre for Life Sciences, Germany
- 12.3 Works unavailable on the market: Czech experience of the digital content availability via the internet in the "Covid times", Tomas Foltyn, National Library of the Czech Republic, Czech Republic

Lightning talk: Filter, Curate, Open! – Customising e-library services at a special library, Petri Kaihoja, Tytti Rajahonka, Suomalaisen Kirjallisuuden Seura – Finnish Literature Society, Finland

**9:30-10:30**

Executive Board Meeting\*

- Library Teaching room (Undervisningslokale)

**10:30-11:00**

Coffee Break – South Cafeteria

<p><b>10:30 - 11:00:</b> Meet &amp; Greet with the LIBER Quarterly Managing Editor, Trudy Turner at the LIBER desk.</p>
<p><b>11:00-11:45</b> Keynote Speech: Darlene Cavalier, Professor of practice at Arizona State University's School for the Future of Innovation in Society and a Senior Global Futures Scientist, Julie Ann Wrigley Global Futures Laboratory at ASU – U45 Chair: Thomas Kaarsted, University Library of Southern Denmark, Denmark</p>
<p><b>11:45-12:00</b> Innovation Awards – U45 Sponsored by OCLC Chairs: Julien Roche, LIBER, and Eric van Lubeeck, OCLC</p>
<p><b>12:00-12:30</b> Sponsor: Strategy Update Chair: Heli Kautonen, Suomalaisen Kirjallisuuden Seura – Finnish Literature Society, Finland EBSCO Perspectives on Open Source in Libraries, Christopher Spalding, Vice President of Product Management, EBSCO, Vice President of Software-as-a-Service (SaaS) Strategy, EBSCO</p>
<p><b>12:30-12:45</b> Conference Closing Ceremony – U45</p>
<p><b>12:45-13:45</b> Lunch &amp; Closing Reception - South Cafeteria</p>



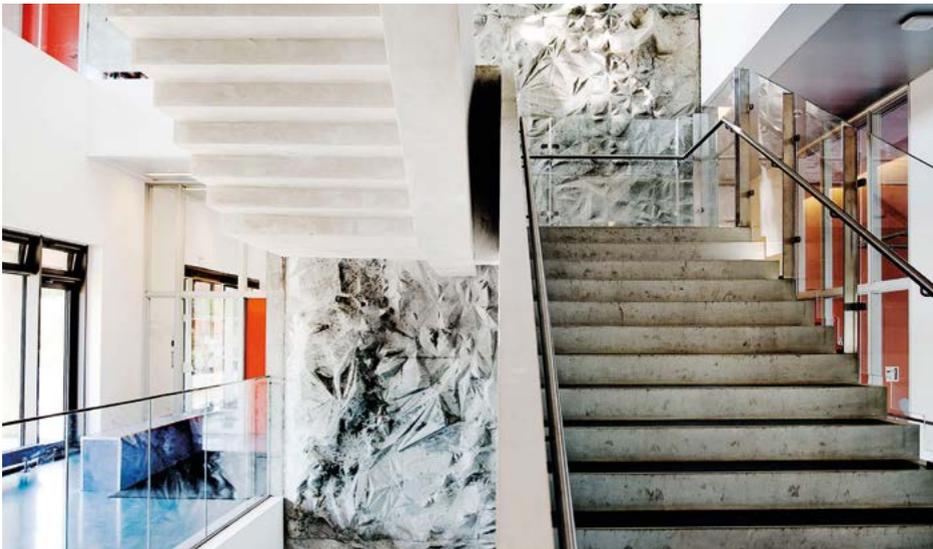
# Posters

**THURSDAY 7 JULY 11:40-12:00**

**Chair: Adam Sofronijević,  
University Library of Belgrade, Belgrade, Serbia - U45**

1. Research Data Management in the MES-CoBraD project: what's in it for research libraries?, Oliver Blake, LIBER, The Netherlands
2. Libraries as Innovators for Open Science, Thomas Kaarsted, University Library of Southern Denmark, Simon Worthington, German National Library of Science and Technology, Paul Ayriss, University College London, Library Services
3. OPERAS Metrics: the open source alternative, Brian Hole, Ubiquity Press, United Kingdom
4. PRISM: Developing an information service for monographs together with the publisher community, Niels Stern, OAPEN, The Netherlands,
5. Argos DMP outputs: bringing automation and validated data in the writing process by connecting data workflows, Elli Papadopoulou, ATHENA Research & Innovation Center, Greece, OpenAIRE, Georgios Kakaletis, Diamadis Tziotziou, ATHENA Research & Innovation Center, Greece
6. Thinking out of the stacks, Jakob Povl Holck, Mogens Kragssig Jensen, University Library of Southern Denmark, Denmark
7. Navigating the Research Lifecycle for the Modern Researcher: Developing an OER ebook for Researchers, Brianna Buljung, Colorado School of Mines, Emily Bongiovanni, Carnegie Mellon University, Ye Li, Massachusetts Institute of Technology

8. The Slovenian Open Science Community: A Cooperative Approach for Common Benefits, Brina Klemenčič, University of Maribor, University of Maribor Library, Slovenia, Dunja Legat, University of Maribor, University of Maribor Library, Slovenia, Irena Vipavc Brvar, University of Ljubljana, Faculty of Social Sciences, Social Science Data Archive, Slovenia
9. E-resources: Croatian science on its way to openness, Sonja Borak, Alisa Martek, Ivona Milovanović, National and University Library in Zagreb, Croatia
10. A text analysis of four levels of academic librarian involvement and its impact in an inquiry-based learning course, James E Murphy, Marc Stoeckle, Bartłomiej Lenart, University of Calgary, Canada
11. Central bibliometric research system – a step towards standardizing the role of libraries in providing bibliometric services, Ivana Matijević, Anja Majstorović, Maja Mihalić, National and University Library in Zagreb, Croatia
12. Joining forces: building a community of Data Ambassadors across universities in Brussels-Wallonia Federation (Belgium), Judith Biernaux, Université de Liège, Belgium, Adeline Grard, Université Catholique de Louvain, Belgium, Sarah Zahreddine, Université Libre de Bruxelles, Belgium



# Workshops

**WEDNESDAY 6 JULY 2022**

**1. Open to Society: New networks, strategy, and in practice.  
Room UI30 at 09:00 – 12:00**

*Coffee break: 10:15*

Research libraries can play key roles in opening up science to society by taking up tasks in public engagement in science. During the Covid-19 pandemic (2020-21) numerous centres and services on Open Science and Citizen Science has emerged. Also, the first wave of the EU Horizon Europe programme has been published relying heavily on Open Science and Citizen Science. The role and place of universities in society are shifting and various initiatives seem to bridge the gap between science and citizens. But the framework, knowledge and possible implementation of these new standards seem diverse and somehow not consistent enough to produce sustainable change. This workshop first aims to frame the field, lay out strategic options and dwell into concrete cases, and second discuss and work with participants for concrete measures for implementation. The moderators are cochairing the LIBER Citizen Science Working Group and Coordinator of Citizen Science at Leiden University. In this workshop, we will illustrate the interests, the thrill and the achievements working to improve the academic mission in order to better serve the society.

## **PART ONE**

- 1) Setting the scene. Policy and strategy: international trends, guidelines and recommendations (Tiberius Ignat)
- 2) Strategy, new networks and implementation:  
The Citizen Science Lab at Leiden University and CS in The Netherlands (Margaret Gold)
- 3) Bridging the gap: The library as facilitators between science as society. Recruitment of user communities at SDU CS Knowledge Center (Anne Kathrine Overgaard and Thomas Kaarsted)

## PART TWO

Participants are invited to join two tracks and get concrete take aways on:

- 1) Framing the language and aligning the mission of your library to context of Citizen Science and Open Science (Ignat & Gold)
- 2) How to engage societal stakeholder (Overgaard & Kaarsted)

### **2. Digital Scholarship Now!**

**Room O95 at 09:00 – 12:00**

*Coffee break: 10:15*

In this engaging workshop, the Digital Scholarship and Digital Cultural Heritage Collections Working Group (DS&DCHC) seeks to inform and inspire LIBER Members with a carefully curated collection of lightning talks showcasing some of the most innovative responses and/or provocations to the most pressing questions currently affecting the digital scholarship community today.

#### **Lighting Talk Session Theme 1: Building Relationships**

Lightning talks in this session will consider: How can libraries most effectively and efficiently raise awareness about their work and collections? What innovative ways have libraries kept in touch and engaged with their digital scholarship research community?

#### **Lighting Talk Session Theme 2: Digital Competencies/Providing expertise**

In this session we will hear from RLUK's Digital Shift and the DCC initiative in the Netherlands as they showcase how they are helping libraries to gain the digital competencies required to support digital scholarship.

#### **Lighting Talk Session Theme 3: Responsible use of digital collections**

How are institutions addressing unwanted bias in digital collections? What are the ethical implications of using AI in the cultural heritage sector? This session will bring together talks relating to the ethical use of collections and FAIR in the digital age. Lightning talks which articulate current best practices, case studies, and even provocations relating to the three central themes the working group are investigating this year, will be specially selected, with particular emphasis on presentations which give voice to our underrepresented communities' work. Each themed lightning talk session will be allocated roughly 20 minutes and consist of three to four 5-7 minute talks.

The lightning talk sessions will serve as the foundation for further knowledge exchange between attendees and presenters during a final small group breakout discussion session. Findings from these discussion groups will be captured and used to further inform the working groups investigations.

### **3. Data Science in Libraries: Survey & Landscape Analysis**

**Room O94 at 09:00 – 12:00**

*Coffee break: 10:15*

The LIBER Data Science in Libraries Working Group was founded in the Spring of 2021. The Working Group seeks to explore and promote library engagement in applying data science and analytical methods in libraries, taking into account all kinds of processes and workflows around library collections and metadata as well as digital infrastructures and service areas. In this pre-conference workshop, we wish to connect practitioners of data science in research libraries, in order to share experiences and ideas on the topic. The Working Group is also preparing a landscape analysis and survey with the aim of creating an overview of data science activities (and eventual recommendations) in research libraries. We would like to further develop this landscape analysis and survey with the input of workshop attendees in a hackathon-style session.

### **4. Sharing and Caring:**

**Research Libraries connecting with user communities and openly sharing electronic content for educational purposes.**

**Room O99 at 09:00 – 12:00**

*Coffee break: 10:15*

When the pandemic started and library buildings were suddenly closed, access and connection became much more important than before. Students and teachers needed support in accessing publications but were also looking for support in general, best practices and tools. At the same time, there was a lot of room for creativity and innovation. You could just try out new stuff because it was needed and there was no other way to get the job done. Access to resources was an important issue but not the only one. Many of these experiences turned out to be very useful, even after libraries opened their doors again. So how can we take these new experiences into the future and offer new educational services for students and faculty?

Open Educational Resources are an important asset in supporting students and staff in an online environment – not only during a pandemic. The session will be an open session where everyone can share experiences, resources and best practices. As working group members, we will moderate the session and start ourselves with sharing experiences and services. There will be a round with short 2-minute-presentations at the beginning. The short presentations shall serve as appetizers. After a round of short presentations, we will set up tables so people can get together to

discuss the topics of the short presentations in more depth. People who would like to give a short presentation should contact the organizers in advance to facilitate the planning of the session.

## **5. Positioning the library as a valued partner in our Universities in an open science world.**

**Room U81 at 09:00 – 12:00**

### *Coffee break: 10:15*

During the first half of this workshop participants will be presented 4 online talks by speakers from outside the Library. These inspiring, and maybe even provocative, views get the participants warmed up for the discussions during the second part of this workshop. In their short presentations the speakers give insight in why open science is important for them, what they think it brings to society, and what - in their opinion - are the biggest challenges to achieve this.

Moreover, they reflect on the role of the library by giving their views on ways their library helps in dealing with these challenges and what they can do more to facilitate research and education on the way to open science and open scholarship.

The second part of the workshop participants are asked to reflect from a leadership point of view on dilemma's that occur for libraries supporting their university in open science ambitions. The first topic we address is that by entering the realm of open science, the library – instead of being autonomous in their actions – becomes one of the partners involved in developing and employing open science services. Think about collaboration with other departments, like IT services, legal, privacy/security office, and not in the least place faculties. We discuss how we as leaders can position the library in a network of stakeholders. And what it takes for you as a leader to take a lead in these network collaborations?

The second topic for the workshop is that developing open science services means moving closer to, or even participate, in the primary processes of research and education. Even though the library has unique expertise and knowledge, the question is being raised – not in the least place by researchers or lecturers themselves – if the library can be an advisor on topics that are typically the domain of research or education.

Topics like open access publishing, research data management, reproducible coding and software or open science workflows. We discuss how we can position the Library in open science by being an expert on the one hand and being in the position of a support organization – and not research or education – on the other, at the same time. And finally we would like to address the question how exclusively libraries can work in this open

science world. In what way could collaboration between university libraries help in tackling the leadership challenges in open science? And what role can LIBER play in this to help?

**Participants take away the following outcomes:**

- An overview of pro's and con's of the current situation of their library to the 3 topics;
- One or more potential strategic actions to take in the near future to tackle these dilemma's.
- Depending on the number of participants the workshop can take place as a plenary discussion with the audience facilitated by a moderator, or in subgroups.
- This workshop is primarily aimed at participants in leadership positions.

## **6. Leadership: the next step**

**Room U74 at 09:00 – 12:00**

*Coffee break: 10:15*

This workshop will explore the next phase of leadership and what this means for you as a leader. Once you have established yourself as a library leader and have built up your capabilities, what are the next steps for you to develop as a leader? How do you evolve and make sure that you have the motivation to keep challenging yourself, ensuring that you don't become complacent by remaining in your comfort zone? This workshop will help you to reflect on these issues, with the aim of giving participants renewed energy in their role as library leaders.

**Workshop speakers:**

- Arjan Schalken, Program Manager UKBsis at UKB, the network of Dutch University Libraries and the Koninklijke Bibliotheek
- Sara Kjellberg, Library Director at Malmö University, Sweden

NB: This workshop is exclusively for those who have participated in cohorts 1-5 of the LIBER Emerging Leaders programme.

## **7. Data management cooperation in practice: Lesson learned**

**Room U133 at 09:00 – 12:00**

*Coffee break: 10:15*

The workshop will cover experiences and lessons learned from library involvement in research data management cooperation's and projects of

the last five years. Current roles and future implication will be discussed: Is the library role for data management diminishing? (In view of the EOSC) Are the skills of librarians still relevant/recognized or have they ever been? What services or tools from these cooperation's/projects can be applied in libraries? Will research libraries just become research data archives? The workshop will be a combination of interviews, lightning talks and interactive discussions.

## **8. LIBER Four Urgent Recommendations for Open Access Negotiations with Publishers**

**Room O96 at 09:00 – 12:00**

*Coffee break: 10:15*

The scholarly communication ecosystem has evolved significantly since LIBER issued its 5 Principles for Open Access negotiations in 2017, and with institutions setting aggressive open science agendas, libraries are under increasing pressure to deliver more and diverse open access publishing opportunities to researchers. To support libraries in this process, LIBER has issued four new Urgent Recommendations for Open Access negotiations, that aim to support libraries in developing more effective open access strategies. In this workshop, participants will explore different case studies for each of the four Urgent Recommendations together with members of LIBER's OA Working Group, exchanging experiences and good practice. Participants will come away with knowledge of the most recent benchmarks in open access negotiations with publishers and strategic insights for bolstering their open access strategies.

## **9. Assessing, Financing and Maintaining Open Access Infrastructures: a New Role for Libraries**

**Room O97 at 09:00 – 12:00**

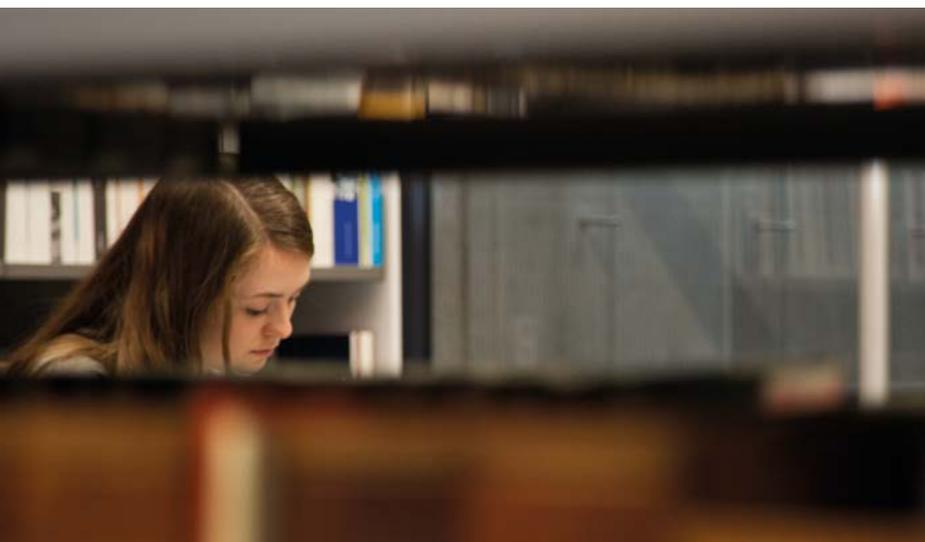
*Coffee break: 10:15*

As part of the ongoing open access transformation in Europe, open and community owned infrastructures have become more important (e.g., SPARC Europe Report on "Open Science Infrastructures", the Coalition-S-commissioned Diamond-OA-Study or the SCOSS approach of collaborative financing). Open Access related infrastructures can range from publication platforms (e.g. Openjournals.nl or Journal.fi), disciplinary repositories and preprint servers (e.g. Zenodo and arXiv) and search services (e.g. BASE, Sherpa/ROMEO) to Monitoring tools (German Open Access monitor or the ESAC initiative) and impact analysis services (e.g. Open Citations). An increa-

sing amount of these infrastructures are maintained and/or financed by research libraries. Libraries could play a prominent role for the sustainability of these services. It is, furthermore, important to understand how the services are governed in relation to the needs of the user community. Based on this perception, the LIBER OA WG wants to organize an interactive workshop to gain more insights in the field of open infrastructures and how the ecosystem for such initiatives work. We want to give participants room to discuss and assess the opportunities and risks while looking at leading examples.

#### Session outline/agenda

- Welcome & introductions
- Presentation about scholarly infrastructures, giving examples such as DOAJ, PKP and other initiatives.
- Presentation about the POSI (the Principles of Open Scholarly Infrastructures) and SCOSS as frameworks for assessment and evaluation of new or existing infrastructures
- Presentation about an example library supporting open infrastructures
- Breakout groups - exercise to investigate in examples of alternative publishing platforms compared with the POSI by using a previously developed worksheet.
- Summary and closing of workshop.



**10. The eBook dilemma:  
copyright, licencing and digital lending in libraries**  
Room U132 at 09:00 – 12:00

*Coffee break: 10:15*

In their daily work, libraries face several legal issues relevant to copyright law, especially in the digital environment. Lending a publication, making a digital copy of it, or simply listing related material online are just a few examples of day-to-day activities that imply to consider, on the one hand, the rights of copyright holders and, on the other hand, the rights to access and use such works by the public.

The digital aspects of lending, eBooks, also present an interesting dilemma not only when it comes to copyright issues, but where the agency of libraries is concerned. As eBooks are not sold but licensed, publishers not libraries choose what titles can be acquired, how long they can form part of the collection and the terms under which they can be lent out to students and researchers. These issues as well as high prices, bundling of titles and the requirement to buy the same title repeatedly, all challenge the notion of what it means to be a library. This workshop, designed jointly by the reCreating Europe and Knowledge Rights 21 projects, is designed to share findings and observations on the topic of copyright and eBooks.

The first part of the workshop, led by the researchers of Sant'Anna School of Advanced Studies (Pisa, Italy), partner of the EU funded project reCreating Europe, aims to briefly illustrate the copyright framework that is relevant to libraries and users, with a specific focus on EU and national copyright rules concerning public lending and the preservation of cultural heritage, and prepare the audience for the second part of the workshop.

The second part of the workshop will be led by Knowledge Rights 21 and will focus on the issues that face educational libraries regarding eBooks, and what can be done about it. The first presentation reflects on the comprehensive dataset compiled and analysed by the Horizon 2020 project, reCreating Europe. Therefore, it initiates with a brief overview of the project, by explaining its main aims and objectives as well as the research conducted by Work Package 2, led by Sant'Anna School of Advanced Studies (Pisa, Italy).

To set the scene for a fruitful discussion on the interim results of WP2 as well as on the interplay of eBooks with copyright law, the presentation first provides an insight into the notion of 'copyright', also by offering a snapshot of the origins of modern copyright, which stemmed from and evolved around printing culture.

Shedding light upon the functions of copyright to promote and copyright exceptions to facilitate access to culture and knowledge – both of which

remained the same during the shift from analogue times to the digital era – the presentation mainly concentrates on the EU regulatory framework governing the practices of cultural heritage institutions, including those of libraries. It focuses specifically on the copyright exceptions concerning public lending and preservation of cultural heritage, while providing insights to the level of harmonization of such rules in the EU Member States. It ends with a brief analysis on what else has to be done, particularly to adapt the EU copyright law to needs of the digital era and the EU's digital agenda.

This second session will after a short introduction of the Arcadia funded Knowledge Rights 21 project, focus on the issues being faced by research libraries in regards to eBooks. eBooks are undermining the centuries old function of libraries to acquire, lend and undertake collection development. If libraries are not free to select and maintain their own collections, this ultimately undermines not only research, health care and scientific progress, but it diminishes the lives of the millions of Europeans who are reliant on public libraries. Whereas the issue of unsustainably high prices of eBooks have hit the headlines, the issues go far deeper than this.

As publishers have sought to replace copyright law with licences, libraries have as a result lost their right to buy books, maintain their collections, and even undertake basic library functions such preservation and lending books between libraries. Issues such as publishers refusing to license, unsustainable prices many times higher than the equivalent paper book or CD, bundling, titles not available digitally and even loss of collection items purchased are not uncommon. Whereas in some academic sectors the solution to these problems is open access, in order to protect citizens free access to education and knowledge, we also need systemic legal solutions.

Reflecting the landmark 2016 Dutch case *Vereniging Openbare Bibliotheken v Stichting Leenrecht* on option is copyright reform. This session intends to be interactive, having outlined the issues faced by libraries participants will be encouraged to break into groups to discuss the issues, and provide evidence where they have it to contribute to the development of the workshop.





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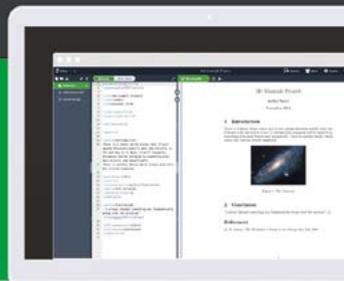
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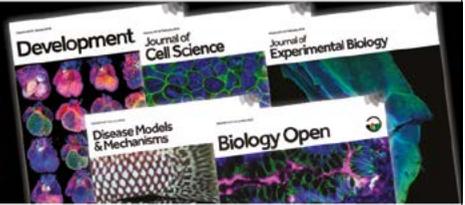


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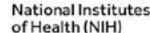


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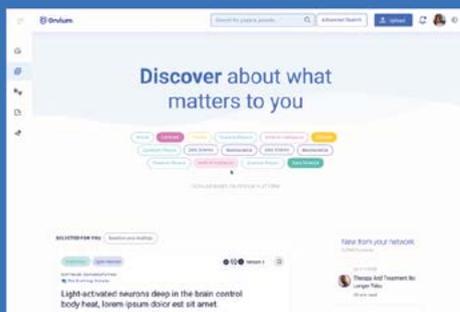
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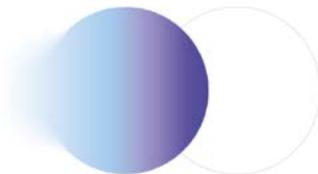
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Keenious has collaborated closely with the library at UiT The Arctic University of Norway to make the tool. Come listen to our lightning talk about lessons from this innovative collaboration project on the 7th of July in Session 5: *Fostering & building open communities.*

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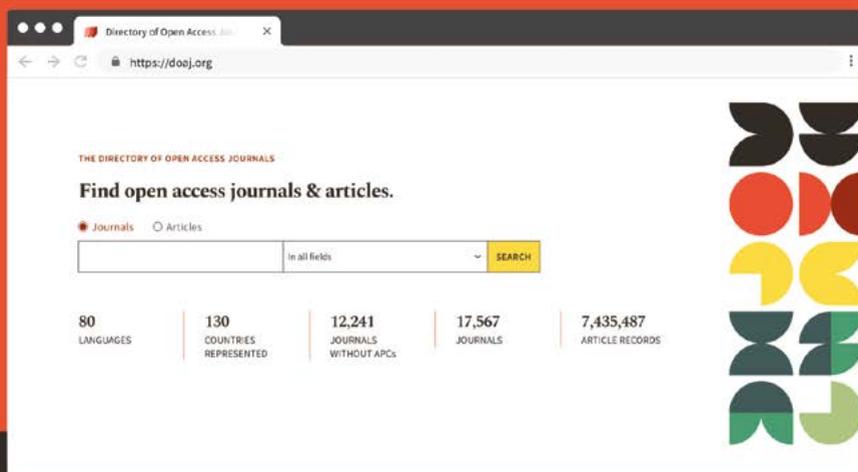
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# Keynote Speaker

Wednesday 6<sup>th</sup> July, 01:30 PM - 02:15 PM

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**Chair:** Julien Roche, LILLIAD Innovation Learning Center, Lille, France

**Keynote Speaker:** Oksana Brui, Director of the Scientific and Technical Library of 'Kyiv Igor Sikorsky Polytechnic Institute', Ukraine

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## **ABSTRACT:**

**To survive and win. The library community in its resistance to Russia's aggression against Ukraine.**

On 24 April Russia began its full-scale invasion to Ukraine, including from the territory of Belarus.

Ukrainian librarians together with all Ukrainian people are bravely resisting the brutal and cunning enemy - the Russian Federation and Putin's regime, which is committing crimes against humanity and mankind, burning Ukrainian cities and villages, trying to destroy Ukrainian authenticity as it is. We have thousands of lives lost, killed civilians, among them there are women and children, elderly people. Millions of refugees who have been forced to leave their homes. Hundreds of thousands destroyed buildings, hospitals, universities, museums, and libraries, lost cultural property. On the occupied territories Russian heathens are burning books.

The whole civilized world and the international librarian community support Ukraine and Ukrainian librarians in our fight for freedom and democracy.

Under these terrible conditions Ukrainian librarians are looking after their library funds and providing professional services where it is possible. University libraries are fully providing their services remotely thus supporting educational process and researches in the universities.

In libraries they are weaving scrims and raising money for bulletproof vests for the militaries. Libraries continue to be the places of hope and shelters for everyone who needs it. In libraries there are refugee reception centres and bomb shelters. Libraries are organizing classes in first aid, psychological counseling and bibliotherapy.

Every Ukrainian librarian is nearing our victory with its work!

### **OKSANA BRUI**

Ukrainian librarian, public activist, Ph.D in social communication, Director of the Scientific and Technical Library of 'Kyiv Igor Sikorsky Polytechnic Institute', since 2018 - the President of the Ukrainian Library Association.

#### **Main sphere of professional interests in civilian life:**

strategic management. Implementing business management approaches and tools into Ukrainian libraries daily work. One of the authors of The Strategy of Development of Ukrainian Libraries for 2017-2025.



Since 2004 have studied and implemented free access and free science in Ukraine.

Member of a working group in the development of The National Plan of the Open Science.

**Session 1:**

**Libraries in the**

**Research Landscape**

**Wednesday 6<sup>th</sup> July,  
14.45-16.15**

**Chair:** Giannis Tsakonas, Library & Information Center,  
University of Patras, Patras, Greece

## 1.1 Partners and pioneers: The role of academic and research libraries as active participants and leaders in the production of scholarly research

*Matthew Greenhall, Research Libraries UK, United Kingdom*

### **Abstract**

This paper will present the results of a major piece of collaborative research between Research Libraries UK and the UK's Arts and Humanities Research Council (AHRC). Undertaken between January and June 2021, the research considered the extent to which academic libraries are partners in, and leaders of, academic and scholarly research.

The project explored fundamental questions regarding the role of libraries as research institutions and their role as catalysts and conduits of cross-disciplinary collaboration.

### **The project addressed four fundamental questions:**

1. What is the current role of academic and research libraries as partners and leaders of research?
2. What is their potential role as partners and leaders?
3. Do they experience any barriers in undertaking research?
4. If so, how might these be overcome?

This was a cross-sector project and included contributions from large numbers of academic and research libraries, Independent Research Organisations, academics and scholars, research managers, university leaders, and research funders. Each brought their own perspectives regarding the role of libraries as research organisations and these views were explored through a series of well attended townhalls, workshops, and focus groups.

Although focused on the UK, the project's discussions and findings were placed within an international context through a series of interviews and case studies from the international library community. It benefited from over 320 detailed survey responses, over 300 responses to 'in event' polls, 73 qualitative interviews, 6 focus groups, and produced 10 detailed case studies available online.

This presentation will describe the origins of this research, its motivations,

and its key findings and recommendations. It will consider the changing role of academic and research libraries as partners in research, the barriers which are sometimes experienced, and the ways in which libraries are overcoming these. Importantly, it will also provide an overview of how RLUK, the AHRC, and the wider library community are translating the recommendations of the report into action. It will include an overview of two major programmes of work that have emerged from the project: a joint AHRC-RLUK Professional Practice Fellowship for academic libraries and a Research Engagement Programme through which library colleagues will be supported to develop their research capacity, capability, and confidence. Finally, it will consider the importance of building bridges of active dialogue between the academic library, scholarly, and research management communities to continue to emphasise and showcase the role of academic libraries as partners in, and pioneers of, research.

The results and recommendations of the scoping are available here:

**<https://www.rluk.ac.uk/ahrc-rluk-scoping-study/>**



**Dr. Matt Greenhall, Deputy Executive Director, RLUK.**

Matt is the Deputy Executive Director of Research Libraries UK. He leads RLUK's work around the digital shift, digital scholarship, and copyright and licensing on behalf of the Executive and supports the activities of RLUK networks and working groups. He has authored several wide-ranging research reports exploring the digital shift in research library collections, services, and user engagements, the development and delivery of virtual research and learning services, and the impact of Covid-19 on UK research libraries.

He has also published reports regarding digital scholarship and the role of the research libraries and is a member of RLUK's digital shift working group. He leads on several of RLUK's strategic relationships and is a passionate advocate for cross-sector collaboration across the GLAM sector, research community, and between wider communities of practice.

Before coming to RLUK, he worked for six years at The National Archives (UK) in a number of leadership roles, concluding as Head of Academic Engagement, a role responsible for leading the organisation's relationships with its academic and scholarly audiences. Prior to this, Matt worked within Durham University's Archives and Special Collections, where he led elements of the

university's widening participation and youth engagement programmes. It was at the University of Durham where he completed a BA Hons and an M.Res in history, and a PhD in early-modern British economic history.

## **1.2 Engaging with researchers about Open Science at universit  Paris Dauphine-PSL (France): the Open Science Bingo**

*Christine Okret-Manville, Universit  Paris Dauphine-PSL, France*

### **Abstract**

Since Open Science has developed to affect every step of the research process, librarians strive to give researchers information on the possibilities it offers to improve research methods, accelerate scientific communication and eventually advance science. Still, barriers to the uptake of Open Science remain, among which prejudices.

In Paris Dauphine-PSL university an Open Science Reflection Group has been set up, bringing together researchers of various disciplines and librarians to draft a roadmap to foster a better openness of scientific practices. To raise awareness about these issues in the research community and ensure support for this roadmap, the library has tried different formulas, from serious formats like talks to lighter ones like serious games, with mixed results.

Starting from the idea that face-to-face discussions are the most effective way to proceed, this communication presents an original tool to engage with researchers on this matter: an Open Science Bingo. Based on a crossing of Advent calendars and bingo gameplays, the Open Science Bingo addresses prejudices about open access to publications and research data and provides an ice-breaker for discussion.

Shared on Zenodo, this tool is technically easy to reproduce, its contents are adaptable to fit in local situations. It allows exchanges between librarians and research communities, including PhD students, who can express fears and hesitations about Open Science issues, and starting from negative notions, helps create a more positive discourse

Launched in Paris Dauphine-PSL, this Bingo has been translated and adapted by the YERUN (Young European Research Universities Network) Ad hoc Working Group on Open Science to put online an Advent Calendar on Open Science in December 2021. Its contents are also being used in the pre-

paration of a brochure against prejudices in Open Science to be published by the French Ministry of Higher Education, Research and Innovation.



**Christine Okret-Manville** has a PhD in History, a degree in Political Science (Sciences Po Paris) and a diploma in archive and library science (Ecole nationale des chartes, Paris). She started her career in the French Ministry of Higher Education and Research, in charge of the development of electronic documentation, and various libraries networks projects. She joined the library of the Paris Dauphine-PSL University in 2005 where she was in charge of the library support services for researchers before being appointed Director in 2022. She's Open Science Officer for the university and involved in the Skills and Competencies in Open Science Working Group formed by the French Ministry of Higher Education Research and Innovation. She's also member of the expert group supervising the ADBU/LIBER study Science and Knowledge Openness: Developing Open Science Skills and Competencies in the Academic World.

### **1.3 The evolving research librarian: Emerging roles and responsibility in support of reproducible science,**

*Birgit Schmidt, Goettingen University, Germany,  
Andrea Chiarelli, Research Consulting, UK Jeroen Sondervan,  
Utrecht University, The Netherlands*

#### **Abstract**

Between 2020 and 2021, Knowledge Exchange (KE) has investigated the publication of reproducible research outputs, with support from a group of international open science experts. The output of this work was a public report, which was based on an extensive review of almost 130 sources and a mix of interviews and focus groups with 51 stakeholders from 12 countries. In this landscape review, we have considered stakeholders at the micro, meso and macro level based on the KE Open Scholarship Framework, including researchers and research groups, their disciplinary communities and institutions, academic libraries, publishers and infrastructure providers, research funders and policymakers. Our presentation at LIBER 2022 will seek to untangle the growing intricacies in the research reproducibility landscape, which is evolving as the convergence of the open

access, open data, open source and open infrastructure discussions. In this context, we will discuss the important role of research libraries when it comes to research reproducibility, which includes not only the advice they ‘traditionally’ provide, but also an ever-broadening range of tools and workflows that span from choosing an online repository to preparing research compendia.

The evolution of research libraries also comes with innovative roles, such as the ‘data librarians/stewards’ that are becoming more common across Europe and the ‘reproducibility librarians’ that are emerging in the USA and operate at the interface between the various facets of open science.

The role of libraries and research support services with regard to reproducibility is also changing in terms of digital infrastructures. Researchers require more and more support in navigating the fast-paced world of technological solutions emerging to support open science practices, thus leading to uncertainty and a constant need to upskill both support staff and the researcher base. Whether internally or in partnership with external providers, research libraries also continue to develop institutional repositories, which can be interconnected with a web of digital objects to enable reproducible research to take place.

Finally, the broader context of the Covid-19 pandemic has highlighted the role of research reproducibility in enabling trust in the published record. Research libraries can play a dual role in this regard, as they can be both the custodians of research objects and advisers to local academics who seek to work in a reproducible way and enhance the quality of their institution’s publications.

Our presentation will provide a coherent narrative and case studies to help the LIBER community join the dots between changing disciplinary practices, policies, incentives and technologies, aiming to showcase how libraries can continue to have an impact on the research and innovation landscape for the benefit of the global research enterprise.



**Dr Birgit Schmidt** coordinates international and national Open Science activities and projects and leads the unit Knowledge Commons at Göttingen State and University Library. Her activities focus on policies, e-infrastructures and training in support of the implementation of Open Access and Open Science. She contributes to several international committees and working groups (e.g. LIBER Executive Board, Knowledge Exchange Open Access Expert Group, Library Carpentry Advisory Group). She served on the EC's Horizon 2020 expert group on the Future of Scholarly Publishing and Scholarly Communication, Knowledge Exchange's Open Access Experts Group and the Belmont Forum's working group on Open Data.

Previously, she acted as Scientific Manager of the European OpenAIRE project and as Executive Director of the Confederation of Open Access Repositories (COAR). She holds a Mathematics and Philosophy degree from the University of Bielefeld, and a postgraduate degree in Library and Information Science from Humboldt University Berlin.



**Lucia Loffreda** is a Senior Researcher at Research Consulting where she works on a variety of projects across the scholarly communication, open science, and international development landscapes.



## **Session 2:**

# **Unlocking the AI potential**

**Wednesday 6<sup>th</sup> July,  
14.45-16.15**

**Chair:** Anna Clements, University of Sheffield, United Kingdom

## 2.1 Leveraging artificial intelligence to explore and analyse digital collections: a roadmap for the national library of France

*Emmanuelle Bermes, Bibliothèque nationale de France, France*

### **Abstract**

Artificial intelligence has become a mature technology, widely used by private platforms in the cultural sector such as Amazon or Netflix, making its way in our day-to-day lives through social networks and virtual assistants, and also taking up as a tool for the digital humanities. However, its use in libraries is still at an experimental stage. In order to improve their skills and refine use cases, libraries such as the BnF need to partner with academics through R&D projects, which leads to proof of concepts and scientific analysis of various digital corpora. Then, it becomes possible to envision an industrialization of AI with the goal to improve library services towards their patrons, in particular in the research field.

Building on the projects we've been conducting the past few years, always implying a close collaboration between librarians and researchers, in 2021 the BnF framed a roadmap for the development of artificial intelligence. Our new DataLab, opened in October 2021, is an asset in growing our experience with this technology. But complementary tasks need to be undertaken, including a closer look at ethics, improvement of librarians' skills, development of a suited data infrastructure... Artificial intelligence has the potential to transform activities in every area of the library, from cataloguing to public services, from collections processing to data analysis, from building conservation strategies to generating enriched data based on the digital collections. The BnF roadmap for AI includes a programme consisting of several projects, most of which will have a strong impact on how researchers interact with our digital collections.

This presentation will provide an overview of the BnF roadmap for AI, with a specific focus on those areas that are fostering collaboration with researchers willing to explore our digital collections: computer vision, HTR (handwriting text recognition), metadata generation or enrichment for massive digital collections such as web archives, and finally personalized recommendation of cultural content, the latter being designed with an ethical approach. We will discuss the actions that the BnF is planning to

take in order to enact the transformation of the organisation, including professional training and collaborations with partners in the academic landscape. Finally, we will present our first concrete results with AI applied to heritage collections.



**Dr. Emmanuelle Bermès** is deputy director for services and networks at the National library of France (BnF) since 2014. In the course of her career at the BnF and the Centre Pompidou, Emmanuelle has developed an expertise in digital heritage, her PHD subject. She has been active in several international initiatives: Europeana, W3C, IFLA, the International internet preservation consortium (IIPC), the International Image Interoperability Framework (IIIF) consortium and the ai4lam community (artificial intelligence for libraries, archives and museums). Within the BnF, Emmanuelle is involved in the Data Lab, a digital scholarship service for researchers.



## 2.2 Research project leadership: perspectives from a cross-organisational case investigating the role of AI-powered search

*Lorna Wildgaard, The Royal Library/Copenhagen University Library, Denmark, Solveig Sandal Johnsen, The Royal Library, Aarhus University Library, Denmark, Julie Kiersgaard Lyngsfeldt, The Royal Library/Copenhagen University Library, Denmark, Anne Vils Møller, The Royal Library, Aarhus University Library, Denmark*

### Abstract

Developing capacity for leading research projects at the university library is of utmost importance for meeting current and future demands to the library as a sparring partner with the university, responding to rapid change in research environments and ultimately maintaining the relevance of the library. Libraries need research leadership capabilities as they move away from their traditional principal function as collection builders and providers of content to a more strategic community-oriented and collaborative role. In this paper we explore the perceptions and requirements we met in driving a cross-organisational research project and consequently the opportunities and challenges we identified for research leadership at the library.

The case is a project in which we are investigating the extent AI-powered search systems support scientific and research integrity in literature-based research methodologies. The investigation itself was a sequential test design consisting of three stages. These were: 1) desk-top research to identify relevant AI-powered search software, 2) think-aloud tests of the functionality of a selection of AI-powered search software and 3) a search-hackathon to assess the quality of search output. Our findings may or may not result in the purchase of an AI-system and development of new services at the library.

This project exemplifies a new approach for library management, where laissez-faire leadership style allowed the project group to use their creativity, resources and experience to design and run the project and also make mistakes. Thus, time was invested in the project and trust invested in the project group's abilities. The outcome includes a transparent and reproducible approach to product testing, publication in scientific journals as a predefined endpoint and likewise acceptance that the result of this years long project may result in a negative outcome.

Implications point to learning opportunities, multi-skilled teams and leader development, meaning that understanding the scientific process where a longer perspective and freedom of research in projects based at the library will result in future-focused services, robust results and ultimately strategically developed partnerships with research communities at the university.



**Lorna Wildgaard** is a consultant at Research Support, Copenhagen University Library, part of The Royal Library, Denmark. She has a PhD in bibliometrics and before working at the Library, was a researcher at Copenhagen University. She is actively involved in developing skills and recognition for Open Science activities through her involvement in EOSC working groups, task forces and other European and national collaborations. Her work in the Research Support unit concerns primarily education and skill development, including Carpentries, systematic search methodologies, responsible use of bibliometrics and Data Stewardship.



**Anne Vils** is a health science librarian at Aarhus University Library, part of The Royal Library, Denmark. She is a physical therapist and has a master in information science. Her work primarily consists of assisting researchers in conducting systematic reviews and teaching systematic search methodologies, reference management and data management to students, researchers, and staff at Aarhus University and Aarhus University Hospital.

## 2.3 Engaging in research and cultural heritage collaborations to endorse AI and machine learning activities

*Liisa Maria Näpärä, Päivi Maria Pihlaja,  
National library of Finland, Finland*

### Abstract

This paper discusses the role that the research and project services could play in outlining the position of a GLAM actor like national library towards artificial intelligence (AI) related initiatives and service development. The paper focuses on recent activities at the National Library of Finland

(NLF). We describe the variety of activities within the library, ranging from infrastructure services to research related needs, and also consider their embeddedness in wide-ranging partnership networks. A central question is how unshared understanding regarding AI within the NLF influence its role in this development.

The National Library of Finland (NLF) has become increasingly engaged in various research projects in and between different disciplines. During the last couple of years, the library has taken coordinated measures to developing its practices related to these. Recently, researchers' experiences from collaboration with the library were systematically collected. Needs of the researchers related to the digital collections of the library were mapped, and our practices were benchmarked against other national libraries.

We will firstly present a number of data-driven collaboration projects that have taken place at the library during 2021 with a digital humanities approach. While others have been more focused on analogue collections, some of these have developed new tools for data processing or otherwise promoted the use of artificial intelligence. New knowledge and experiences gained from these collaborations permitted us to deepen our understanding of how to foster such activities internally.

Now focusing on AI and machine learning, we performed a qualitative analysis relying on internal information collection at the NLF gained by means of several expert interviews. These exchanges provided us with an interesting overview of the large networks consisting of both national and international partners or other external stakeholders in which the NLF operates. Examples of these activities reach beyond the library sector and research activities. They concern, to mention a few examples, infrastructures facilitating open access to publications and cultural heritage materials, or dataset services and the long-term preservation and findability of these by sustaining and improving the quality of metadata and identifiers. New opportunities related to the use and promotion of the machine learning methods and interoperability of systems have also unfolded through partnership agreements and targeted collaborative research efforts.

In this paper, we will describe our findings. We will present our analysis the variety of internal activities along with the large cooperation networks and joint interests that already exist between GLAM organisations and with researchers on national or international levels. We maintain that the future

role of AI at the NLF could only be apprehended as part of larger partnerships and collaborations. This also applies to development projects within the library. We seek to delineate measures that may be helpful in modelling internally a shared outlook towards these broad and complex issues.



**Liisa Näpärä** has a PhD in cultural studies. Currently, Näpärä works at the National Library of Finland as an information specialist. In this position, Näpärä is responsible for ongoing research projects and development of the research services in together with her colleagues.



**Bio Päivi Maria Pihlaja:** Päivi Maria Pihlaja is information specialist in the Library Network services at National Library of Finland. She holds a PhD in history from the Faculty of Humanities, University of Helsinki. In addition to research activities in the field of history of science and learning and teaching academic courses, she has earlier worked in several state agencies promoting academic research and research training, higher education cooperation and international projects.

### Lightning talk:

#### **Academic Libraries as Hubs for AI Based Culture Diplomacy**

*Adam Sofronijević, Aleksandar Jerkov, Dragana Jankovic,  
University library "Svetozar Markovic", Serbia*

#### **Abstract**

Lightning talk introduces the idea that academic libraries are ideally position to harness the power of AI and use their established reputation and wide access to researchers, students and citizens in general to provide for meaningful culture diplomacy activities based on AI.

This idea is presented based on University library in Belgrade experiences and activities in this area as well as on considerations based on insights coming from literature on libraries, AI, diplomacy and other relevant and related fields of social and technological interactions among peoples, institutions and individuals.

Culture diplomacy activities around the world are not using explicitly the power of AI as of first half of 2022 in spite of AI being a potent indicator of

all things allowing for global soft power projection. Meaningful culture diplomacy provide not just for one sided influence such as soft power projection, but for productive dialogue among two or multiple parties.

AI based culture diplomacy activities are ideal for this kind of dialogue since AI technologies allow for individual approach to citizens in global multicultural environments. Academic libraries have the potential to become hubs of such activities because of their unique and equidistant position between science, technology, culture and citizens. The lightning talk introduces the possibilities for academic libraries in this area, explains details of activities conducted by University library in Belgrade that are considered illustrative and building on this basis propose some scenarios for globally productive approach adding value for all sides involved in the process of culture diplomacy activities based on AI that might be originating from academic library hubs.

By building technological and organisational basis for conducting meaningful activities based on AI across multiple countries and regions academic libraries become not just research oriented institutions that discover new possibilities and relations among entities from different societies and cultures, but also provide grounds for engagement of citizens and international collaboration among individuals and institutions.

In discovering new ways to connect AI technology owners and developers, data providers, data creators and users of machine learning applications and tools academic libraries might not just reinvent themselves in the new environment of advanced phases of fourth industrial revolution, but also find new meaning in not just serving one community, but truly serving global users across several countries and regions and between cultures, religions and languages.

The possibilities for various kinds of influence of AI technologies and applications on culture activities are often highlighted, but the concrete implementation especially in building relations among different nations and people is still lacking. Academic libraries might be the right places to bridge this gap, but they need to become true hubs merging AI technology, citizens and organisations across several countries or regions in the meaningful actions that add to productive dialogue and increase in understanding and communication between parties that otherwise might not be making such positive steps forward so easily.



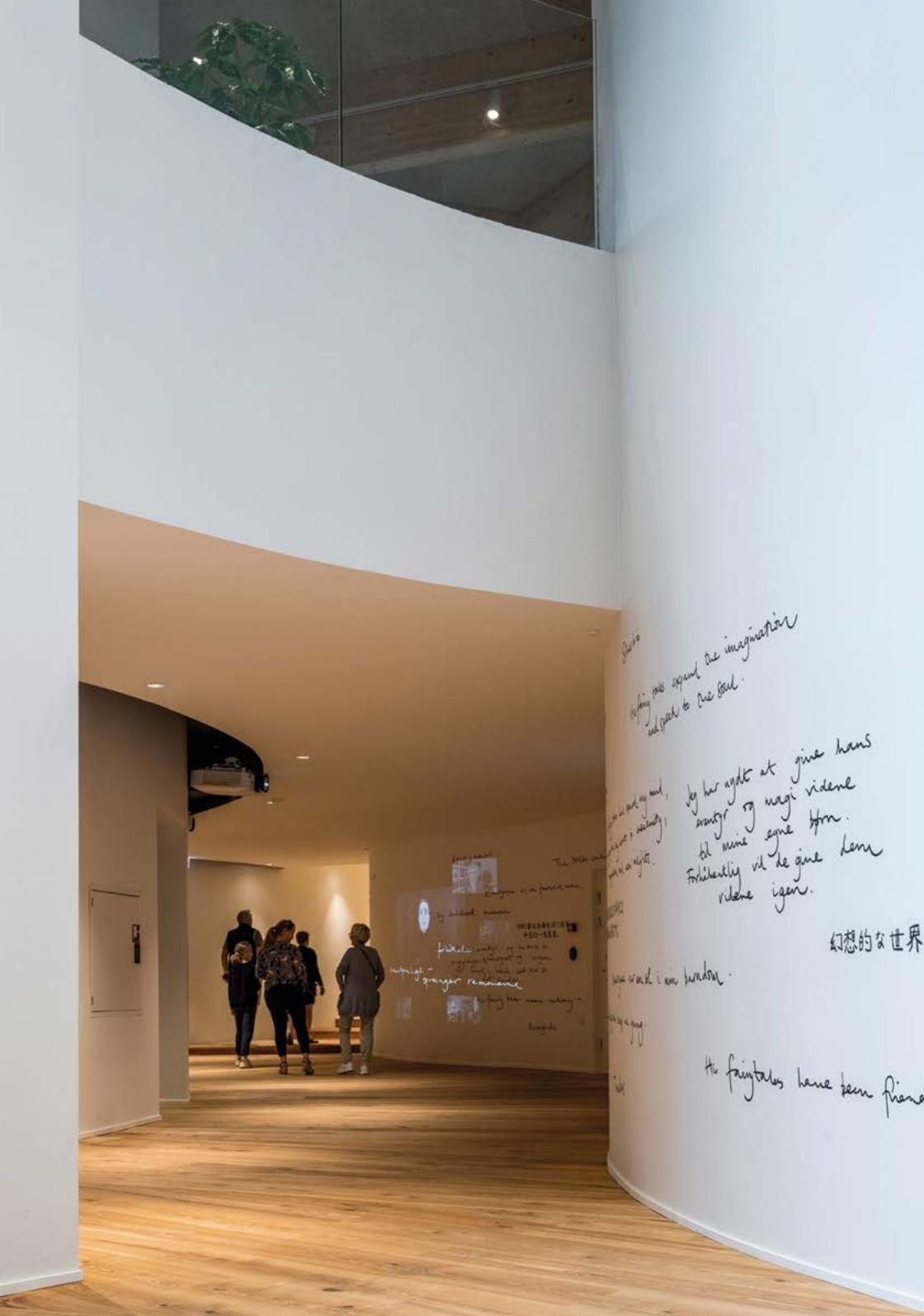
**Adam Sofronijević** (1973) holds a PhD in library and information science from University of Belgrade, a MSc in management and a MSc in library and information science and a BSc in information and communication technologies. Adam is certified with CISCO CCNA industrial certificate and over 40 Coursera, Udacity and MITx online certificates

in fields of computing, management and humanities. His PhD thesis is entitled "New paradigm of library collaboration" and is built around the first European wide research into implementation of Enterprise 2.0 in libraries. He has ten years of managerial experience as a department head and a deputy director of University library Belgrade and rich experience as a board member of University library Belgrade, "Milutin Bojic" library in Belgrade and DART Europe.

Adam was the driving force behind participation of University library Belgrade in two EU CIP ICT-PSP projects and is currently heading the participation of the library in Horizon 2020 READ project.

He was also responsible for implementation of 10 projects granted by Serbian Ministry of culture. Adam has published internationally over 60 peer reviewed articles and book chapters and has been presenting at more than 30 international scientific conferences in 12 European countries. He is a member of LIBER annual conference program committee since 2012. Adam is locally well known lecturer and speaker with more than 70 presentations held for librarians in Serbia and many lectures given for PhD and master students at University of Belgrade.

He has rich experience in media communications and public relations being an organizer of more than 50 special events hosted by University library Belgrade some of which included participation of dignitaries such as the President of Republic of Serbia and ministers in Government of Republic of Serbia.



Quelco

My fingers will expand the imagination  
and spread to the soul.

I have the right to give hands,  
stronger and more visible  
to mine eyes from.  
Forthrightly it de give dem  
vibene igen.

I have the right to give hands,  
stronger and more visible  
to mine eyes from.  
Forthrightly it de give dem  
vibene igen.

幻想的交世界

The fingerprints have been placed

Handwritten text in a smaller font, including phrases like 'The fingerprints have been placed' and 'My fingers will expand the imagination'.



**Session 3:**

**[re]inventing the future:**

**tools & services**

Wednesday 6<sup>th</sup> July,  
14.45-16.15

**Chair:** Liisi Lembinen, University of Tartu Library, Estonia

### 3.1 Research Integrity and The Future of Scholarly Communication: Internet Trackers and Algorithmic Persuasion

*Tiberius Ignat, Scientific Knowledge Services, Germany,  
Paul Ayriss, University College London, UK*

#### **Abstract**

This paper presents new perspectives about the influence of new technologies in scholarly communication. Different from other papers on the future of scholarly communication, it combines 2 pillars of Open Science: Future of Scholarly Communication and Research Integrity (Open Science EU, 2020).

The authors performed a study in 2021, together with researchers from UCL, Cambridge University, Czech Technical University of Prague and a private company that specialises in introducing new technologies at libraries and research organisations. It has been published in December 2021 in a journal with rigorous peer review. To guide us in less known areas of internet tracking, we recruited in our team an OSCP certified ethical hacker (white hat) specialized in network and web application penetration testing, system hacking, SAMM, SSDLC, threat analysis and exploitation.

The study (148 organisations) unveiled a concerning picture, especially in regards to the presence of trackers and persuasive algorithms on scholarly communication and offered a glance at the development of Artificial Intelligence (AI) and Robotic Process Automation (RPA) in this field. At the date of our study, 60% of the webpages in our dataset (related to scholarly communication) offered no option to manage the internet cookies. Other websites were using dark patterns to convince the readers to accept all trackers. Along with the quantitative analysis, we conducted expert interviews, to understand the perception of those involved in the field towards such technologies. Our study identified a list of essential questions for our community, as well as a list of recommendations.

It is well known by now that in general, the wider digital content industry is heavily oriented towards building platforms that track users' behaviour and seek to convince them to stay longer and come back sooner onto the platform. Authors are incentivised to publish more and to become champions of dissemination or influencers. This content industry is permeable to non-human contributors (algorithms that are able to generate content

and reactions), anonymity and identity fraud. Is this something that we wish for scholarly communication?

It is therefore pertinent to discuss if early signs of such track and persuasion technologies are currently present in scholarly communication, which over the year tended to be influenced by the wider digital content industry.

The general aim of our study and our continuous effort is to determine a broader solution for building trust and infrastructure in scholarly communication. Early observations suggest that we can use the principles of open science to offer insights into this work going forward. The amount of data that needs to be collected and the need to involve different geographies suggests that for more robust research, citizen science could represent a viable solution.



**Dr. Tiberius Ignat** is the Director of Scientific Knowledge Services, a company that specializes in helping research organisations to embrace new technologies and ways of working. He runs in partnership with UCL Press and LIBER Europe a successful series of workshops - Focus On Open Science, now in its 7th year. After being a long-time individual

member of the European Association of Research Libraries (LIBER), he became a LIBER Associate through his company where he is now the vice-chair of LIBER Citizen Science Working Group. Tiberius is a member of the European Citizen Science Association and Citizen Science Association (US) and a member of the Scientific Committee for OAI, the CERN - Geneva University Workshop on open science. He was part of the organising committee of the Sorbonne Declaration on Research Data Rights and is currently doing research on internet tracking in a project which involves citizen scientists. Tiberius Ignat has a personal interest in research communication and open science, particularly in citizen science and how open science could remain protected against unethical technologies. He has a PhD in Library and Information Science from the University of Bucharest.

## 3.2 The Potential of Digital Scholarship Centers as a Technical and Innovative Catalyst for Machine Learning and Data Visualization across the Research Enterprise

*Xuemao Wang, James Lee, University of Cincinnati,  
United States of America*

### **Abstract**

Traditionally viewed as a service provider to the university, the library is commonly overlooked as a source of innovative research design and active research partnership. Even rarer is the perception of the library as a leader of digital initiatives on artificial intelligence and research innovation on campus. Through the development and implementation of an accessible machine learning platform that has been successfully leveraged by multiple disciplines across the university, the Digital Scholarship Center (DSC) within University of Cincinnati (UC) Libraries has begun to change that perception. With the support of the Andrew W. Mellon Foundation and in collaboration with faculty from multiple colleges across the university, the DSC has served as a productive research catalyst in leading transdisciplinary research teams, working collectively to address research questions through the joint creation of projects and by using cutting-edge machine learning techniques. By exposing researchers in colleges across the university to the concepts of machine learning and data visualization, and demonstrating the benefits they offer in analyzing large unstructured data sets and digital archives, as well as increasing the accessibility of their use, the DSC is establishing machine learning as part of the fabric of research endeavors at our institution while also solidifying the library's position as intellectual partner and research catalyst.

These activities have redefined the libraries' relationship with our university's academic mission. For example, the library has now been recognized as an active partner of university enterprise-wide Digital Future initiative, and through participation in our university's Digital Transformation vision. This presentation will discuss the DSC's inception, creation and development of our machine learning platform, past and active projects, with special focus on challenges over the COVID-19 pandemic, the evolution of the DSC's position at the university and ambitions for its future. We will conclude by outlining the vision for our future development directions, which will expand our "model of models" machine learning technology

by integrating datasets, cloud infrastructure, and machine learning tools in a more universal platform for use across multiple disciplines at institutions beyond our own.



**Xuemao Wang** is the Vice Provost for Digital Scholarship, Dean and University Librarian of the University of Cincinnati. In these roles he oversees and facilitates the formation and execution of visions, strategies and plan implementation for university-wide Digital Scholarship, Digital Publishing and Press, and the University Libraries. In addition, he serves as a Special Advisor to the Provost on China Strategies. Prior to working at UC, he served as the Associate Vice Provost of University Libraries at Emory University. He has also held positions at Johns Hopkins University's Sheridan Libraries, the Metropolitan New York Library Council, Queens Borough Public library and worked as an academic librarian in China in his early career.

Xuemao has over 30+ years of diverse library and information science, information technology and service, management and leadership experiences, with a career that spans the public, academic, large library consortium and international library worlds. He has served global leadership roles in the International Federation of Library Associations and Institutions (IFLA), American Library Association (ALA), Center for Research Libraries (CRL), Association of Research Libraries (ARL), Scholarly Publishing and Academic Resources Coalition (SPARC), OhioLINK, HathiTrust, and OCLC. He has been frequently invited to international conferences to give speeches on topics of digital scholarship, digital humanities, library strategic planning, library transformation, and leadership development. He has strong connections and networks with global library community leaders.



**Dr. James Lee** is the Associate Vice Provost for Digital Scholarship at the University of Cincinnati. In his capacity as a researcher, he is the Director of the Digital Scholarship Center (<http://dsc.uc.edu>), and is an Associate Professor of Digital Humanities and Associate Professor of Biomedical Informatics. His research and teaching focus on the areas of digital humanities, machine learning and text mining techniques on historical archives, social network analysis, and data visualization. Much of his work has used machine learning methods applied to large text corpora and other unstructured datasets to rethink what it means to perform

historical analysis. His research also investigates ways to visualize the results of machine learning algorithms in a human-interpretable way that enables non-technical audiences to glean useful information from the data. More recently, his research has branched out into fascinating collaborations applying digital humanities methods with partners in biomedical informatics, law, design, and archeology. His work has been supported by the Andrew W. Mellon Foundation

### 3.3 Supporting Sámi languages in digital services

*Riitta Koikkalainen, Niko Partanen,  
National Library of Finland, Finland*

#### **Abstract**

Following the guidelines given in UNESCO's proclamation of an International Decade of Indigenous Languages (IDIL 2022–2032), the National Library of Finland (NatLibFI) has launched a project to improve support for Northern Sámi in its digital services Finna, Finto and Kotoistus. The initiative will last two years, from 2022 to 2023.

The project promotes access to resources in Northern Sámi while supporting the linguistic rights and equality of the Sámi languages. At the core of the project are the permanent national infrastructures maintained by NatLibFi: 1) the search service Finna, 2) the terminology and ontology service Finto, and 3) Kotoistus, a service promoting the use of ICT products and services in the native language of the user. The project will start with Northern Sámi, the most commonly spoken Sámi language in Finland and the one with the most resources available. As Finnish and Swedish are the official languages of Finland, digital infrastructures in NatLibFi are maintained mainly for these two languages. To serve international audiences, there is also support for English. Up until now, there has been no support for the three Sámi languages used in Finland despite their status as official regional languages. This ongoing initiative seeks to improve the situation, first with Northern Sámi, and hopefully in years to come, also with Inari Sámi and Skolt Sámi.

The overall aim of the project is to extend the national information services to cover the linguistic diversity that exists in Finland, as these services are also widely used in Sámi communities. Creating high-quality services



in new languages is a demanding task, and in the context of indigenous, endangered and minority languages such as Sámi, may differ in many ways from similar work with widely supported official languages.

This emphasizes the need for planning, collaboration and open discussion before and during the project with experts in the Sámi languages and cultures: the Sámi Parliament of Finland, the Sámi Museum and Nature Centre Siida, the libraries in the Sámi area of Finland, the Giellagas Institute for Sámi Studies, the language authority Sámi Giellagáldu, and UiT - The Arctic University of Norway.

The work will have wide-ranging cultural consequences. First, it will increase the support for an endangered language and thereby also the domains where the language can be used. Secondly, it also has implications for the users of these services in Finnish, Swedish and English, as the descriptions of the Sámi resources become more correct and clearly defined by the Sámi organizations themselves.

All organizations, including museums, libraries and language communities, can use the results of the project to generate keywords or in their terminology work, also in the Sámi languages.

In the future, the aforementioned services (Finna, Finto, Kotoistuspalvelu) will provide persistent support for the Sámi languages through relevant cooperation networks. The work we have initiated represents both a challenge and an opportunity, and wider communication about the tasks plays an essential role in itself.



**Niko Partanen** works as an Information Specialist at the National Library of Finland. His background is in linguistics and he is a specialist in Uralic languages and their language technology. He has worked widely with endangered languages spoken in Scandinavia and Northern Russia. He has held a variety of positions, including as an archivist and librarian, and led several digitization projects. Before joining the National Library of Finland in 2021, Partanen worked at the University of Helsinki and the Institute for the Languages of Finland. He has also worked in various research institutions in France, Germany and Russia.



**Riitta Koikkalainen**, information specialist at The National Library of Finland, is an expert on scholarly publishing and communication. As a part of her job, she coordinates the work of the Kotoistus initiative in which the code is domesticated for Finnish and Swedish. From the very beginning of her life in academia as philosopher and sociologist, she has had a strong interest on the processes and phenomena of knowledge. There are no meanings outside social interaction, at least such that could be (re)presented purely as such, and this makes the world a very interesting place. Riitta is a member of the board of Finnish Association for Scholarly Publishing, and a member of editorial board of philosophical magazine *niin & näin*. You can find her on Twitter @Riitta\_AK.

**Session 4:**

**Managing & renovating**

**Collections**

Wednesday 6<sup>th</sup> July,  
14.45-16.15

**Chair:** Heli Kautonen, Suomalaisen Kirjallisuuden Seura  
– Finnish Literature Society, Finland

## 4.1 Bridging the Gap: Enhancing Digital Discoverability of Special Collections

*Adam Barry, Lean Library, United Kingdom,*

*Andrew Barker, Lancaster University, United Kingdom*

### **Abstract**

As we move through the digital age, certain areas of the library are becoming less and less discoverable. In 2021, Lean Library published the Librarian Futures report, with various findings on user-centricity. Modern patron workflows now begin outside the library, with 79% of faculty and 74% of students beginning discovery outside of the library's tools, on websites such as Google Scholar.

Modern consumers are used to 'point of need' information, getting the content and information where and when they need it, rather than having to leave their workflow and look for it elsewhere.

The report also uncovered the lack of awareness of the full extent of library services available to patrons; when students were asked what sources of information, they used the most, the librarian was used the same amount as Wikipedia. This disconnect between the library services available and patron usage may be due to the large number of libraries that have not yet embedded their services around the workflow of their users.

Lancaster University's vision for 2025 includes a specific focus on user-centred strategies and ensuring visibility of content at the point of need. As the research heart of the university, they are beginning to think differently about what the library does and how it engages with its users.

Working with Lean Library, Lancaster University have begun to use existing workflow tools to support their visions for the future, including adopting user-first strategies and expanding focus into new areas of library provision, such as surfacing special collections.

As a small research-intensive university, Lancaster University collaborated with the University of Cambridge on the Lancaster Digital Collections, based on a digital collection that Cambridge created to raise visibility of their distinct collections. Where special collections and archives were previously locked away in rooms, they can now surface this content online and, using Lean Library, deliver to patrons at the point of need.

This presentation will include a summary of key findings from the Librarian Futures report, along with an overview of how Lancaster University have worked with Lean Library to increase discoverability of their special collections, ensuring these resources remain easily accessible to patrons in their workflow, and fostering an open, collaborative community. Working as partners, Lancaster University and Lean Library have continued the transition of the library into a digital space, bridging the gap between the physical and digital collections, and bringing specialist knowledge to the wider library community.



**Andrew Barker** is the Director of Library Services & Learning Development at Lancaster University. Prior to this he held several senior roles within a wide range of universities, including University of Liverpool and UEA. He has been responsible for all aspects of library leadership, including content, academic liaison, archives and museums. Andrew has been Chair of UKSG since 2018, and is a member of SCONUL's Executive Board.



**Adam Barry** is the Development Manager for Europe at Lean Library, a division of Technology from SAGE. Adam has worked at Lean Library since 2019, building strong relationships with librarians across Europe, and spends most of his time helping librarians get maximum value from Lean Library services, whether this comes in the form of demos, training, technical support, engagement, or special projects.

## 4.2 De-coding our Collections: Enhancing data literacy, research, and outreach through cultural heritage hackathons

*Karolina Andersdotter, Åbo Akademi University,  
Finland, Uppsala University Library, Sweden*

### Abstract

Research libraries are putting in a lot of effort to make their collections available to researchers, students, and the general public. Through digitisation, crowdsourcing of metadata, online exhibitions, and initiatives focused on creativity and remixing, the cultural heritage of Europe is made available and put into a contemporary spotlight, whether it is through arti-

ficial intelligence image analysis or quarantine at-home remakes of famous paintings. While making collections accessible in online repositories and search portals is important, challenges remain in increasing interaction with the digitised collections. One way of doing this has been to use crowdsourcing. This co-producing method increases exploration and interaction with collections, but yields varying results in terms of coverage and quality. Crowdsourcing is continuously explored and evaluated in many fields of science, and one identified success factor is community building.

As a librarian I wanted to explore how we as a research library could facilitate community building in crowdsourcing while also experimenting with novel ways to enhance collection metadata, teach data literacy, and support research projects. In terms of digital humanities, it is important to de-mystify data and coding, so that digital humanities researchers can have an audience who understands their methods (even if they cannot apply them). The (albeit constantly renegotiated) gap between digital humanities and humanities needs to be bridged, and libraries teaching data literacy is a partial solution to this issue.

In this case study, I sum up the experiences from eight cultural heritage hackathons I organised in 2018-2020. The hackathons were connected to five different themes, related either to humanities research projects or to specific parts of the library collections.

While a “traditional” hackathon focus on writing code together, the cultural heritage hackathons were focused on performing a digital task together. The term “hackathon” was chosen to de-mystify data as a concept and to bring different user groups together. (In the physical events we also fully embraced the hackathon trope of soft drinks, pizza, and coffee.)

In the hackathons, participants were tasked with adding or editing data (e.g. OCR corrections, transcriptions, geotagging, image tagging). Difficulties, clarifications and common practices (e.g. deciding transcription conventions) were discussed and solved among the participants, creating an atmosphere of trust and co-ownership. The hackathons varied in type of audience (some were open for all, others only for invited participants (so-called “expert sourcing”)), medium (online, hybrid, physical events) and tools (spreadsheets, dedicated platforms, or built-in solutions).

The multipronged approach aimed to cater to several stakeholders at once and partially succeeded with this goal. However, some issues (e.g. sustain-

ability and completion rate) still need to be solved. The experiences from the hackathons have resulted in best practices and recommendations for libraries who wish to explore this methodology further.

An important outcome is knowledge of the role libraries can play as an intermediary between researchers, the general public, and librarians, and how this can result in mutually beneficial practices between all parties, thus enhancing data literacy skills, supporting research, and increasing library outreach.



**Karolina Andersdotter** is a doctoral candidate in information studies at Åbo Akademi University, Finland. She is currently on leave from her position as digital scholarship librarian at Uppsala University Library, Sweden, a position she's had since 2017 in which she's built up and developed digital research services and skill building sessions for researchers and students at the university

### **4.3 Landscaping with books – How to repurpose the print collection to foster community building and knowledge creation**

*Michiel Cock, David Oldenhof, University Library Vrije  
Universiteit Amsterdam, The Netherlands*

#### **Abstract**

As many other libraries, the Vrije Universiteit Amsterdam faces the challenge of dealing with a large but very little used print collection. In 2021, we started the project Omboeken (“Rebook”) in order to repurpose our print collection in innovative ways. In our paper, we will outline several approaches and illustrate how print collections can contribute to fostering community building and knowledge creation in a 21st-century library.

To assess the different values and potentialities of our books, we identified four categories: 1) rare books, 2) books for research and teaching, 3) books for inspiration and 4) books for artistic endeavors and social activities. One of the most interesting aspects of analysing a large print collection with modern computational tools is the possibility of exploring the collection with a data driven approach, instead of working with long lists of titles.

Furthermore, in developing the collections and the accompanying activities, we use the principles of Design Thinking that stimulate creativity and experimentation. In our paper, we explore how we have applied these tools to stimulate our own research mindset.

The innovative core of the project consists of books from categories 3 and 4. For the selection of books for inspiration, we co-create with researchers and students from different disciplines to curate “inspiration libraries” based on the Sustainable Development Goals. In the paper, we will outline the initial experimentation with building a Pride Library, the Decolonization Lab and the Green Office Library. By collaborating with these groups, we intend to provide student communities with spaces where books, art and community building come together. Furthermore, these libraries make VU research themes visible and foster interdisciplinary knowledge creation.

Finally, we will discuss a case study pertaining to the last category, books that have lost their informational value (due to their online availability or outdated content) but still have value as objects. One of the goals of the project is to explore the value of books on campus in the form of artworks. We will present the “Pantheon of Humanity”, an artwork fully created with books which aims to create a campus environment that fosters creativity and a researching mindset. With our paper we would like to share our approach and hope to inspire other librarians to develop a new perspective on the value of their print collections.





**David Oldenhof** is policy advisor at the University Library of the Vrije Universiteit Amsterdam. He has been a management trainee at the same university, and worked on educational and research support projects at the Faculty of Humanities. He did his Research Master in Early Modern History at Radboud University Nijmegen, with research visits to the University of Leeds and the University of Toronto. He has a special interest in the translation of core library values to exciting projects that address issues of modern society.

### **Lightning talk:**

#### **Can Brocade be friends with data science?**

#### **An implementation story**

*Linda Sīle-Shriram, Alain Descamps,  
University of Antwerp Library, Belgium*

#### **Abstract**

The last decade has witnessed numerous initiatives that celebrate the wealth of data within libraries. Attempts have been made to reconceptualise library collections as data and render them usable within computational research. Library analytics have become more elaborated and offer increasingly detailed insights drawing upon data on library transactions. Similarly, libraries play an increasingly active role in open science and research intelligence. All these different developments set new demands for library information systems. In this talk, we present a two-year infrastructure project that was launched in December 2021. The goal of this project is to open up for the use of computational methods the data that are stored and generated within Brocade.

Brocade is a library information system developed and maintained at the University of Antwerp library since 1998 and implemented in more than 40 research and specialised libraries, musea, and archives within the Antwerp and Limburg provinces in Belgium. Within the project, we,

first, implement a technical solution that enables exploratory querying of Brocade data. Second, we audit the current uses of Brocade data and design tools that would ease the work of library staff as well as make the data available for library users and other information systems. The focus of this talk is on our implementation strategy and tools for library staff.

Making use of concrete examples from library routines we discuss the challenges faced in libraries today: How to make the best use of data that are stored within library systems? How to best facilitate access to these data? What should be regarded as data in this context? This discussion along with the concrete steps we have taken towards a data science infrastructure in a library information system serves as a case study that contributes to the ongoing developments within the library domain.



**Linda Sile-Shriram** is a data analyst at the University of Antwerp Library where she is part of library automation team that maintains a library information system Brocade. In this capacity, Linda leads a project the goal of which is to facilitate the use of computational methods in the interaction with data stored in Brocade.

Her background is in Science, Technology, and Society Studies. Her recently defended doctoral thesis (2021) entitled ‘Databased research in context’ explores the role of contextual features in databases for research output in the social sciences and humanities. With this background, Linda is particularly interested in finding ways to bringing theoretical insights from STS to practices within the library realm.



**Alain Descamps** is a software engineer at the automation team Anet of the University of Antwerp Library. His background is in Mathematics and Information Technology and he is one of the founders of the library information system Brocade. Alain works as a software developer without interruption since 1984. He works in different programming languages, including Mumps and Python. Currently, Alain leads and develops several projects, from interacting with smart locker systems to developing a custom OAI-PMH data provider for Brocade.

# Keynote Speaker

Thursday 7th July, 09:00 AM - 09:45 AM

**Chair:** Jeannette Frey, LIBER President, Director of Bibliothèque Cantonale et Universitaire (BCU) Lausanne

Karel Luyben, President of the European Open Science Cloud Association, Rector Magnificus Emeritus of the Delft University of Technology

## **ABSTRACT:**

### **European Open Science Cloud: the road ahead**

The European Open Science Cloud (EOSC) is to become a part of the 'Web of FAIR data' to be developed world-wide in order in due time to deliver services like offering access to data, publications and the essential software to speed up research findings and the developments based on these. By adhering to the FAIR principles and using an adequate AAI (Authentication and Authorisation Infrastructure) EOSC can be created to become a federated system within Europe for the benefit of the European users.

For this development to take place the collaborative contributions of stakeholders at the Institutional, National and European level are needed. Libraries are essential partners in the creation of useful data infrastructures to build EOSC. In this presentation the role of the EOSC Association in this development will be explained.



**Karel Luyben** is Rector Magnificus Emeritus of the Delft University of Technology as of 2018. He was the Rector Magnificus of the Delft University of Technology from 2010 until 2018. Before that, he served as Dean of the Faculty of Applied Sciences for almost 12 years.

In 1983 he was appointed full professor in Biochemical Engineering at the Delft University of Technology, and from there has gained experience in research, starting an SME, research leadership and leading European organisations like the European Federation of Biotechnology, CESAER and now the European Open Science Cloud Association.

Presently he is primarily active in the domain of Open Science. He is National Coordinator for Open Science in the Netherlands; Chairman of the Board of the Dutch Techcentre for Life Sciences; involved with the Open Science Taskforces of CESAER and EUA and since December 2019 he is President of the European Open Science Cloud Association (EOSC-A).

Throughout his career, he has provided and continues to provide consultation services to research organisations, industries and governments in the areas of Technology, Strategy & Policy.

**Session 5:**

**Fostering & building**

**open communities**

Thursday 7<sup>th</sup> July,  
09.45-11.15

**Chair:** Anna Lundén, National Library of Sweden, Sweden

## 5.1 Launching the Forum for Open Research in MENA

*Emily Choynowski, Knowledge E, United Arab Emirates*

### **Abstract**

The production and promotion of open research is becoming increasingly important; it is not only a primary concern for all areas of the academic ecosystem, but also impacts the commercial and industrial sectors and is crucial to the development of successful knowledge economies across the world.

As an platinum open access publisher, based in Dubai and working closely with a number of leading research, government and library institutions, we know that the Middle East and North Africa (MENA) is no exception. The region has a rapidly developing, and increasingly advanced, tertiary education sector and numerous well-funded research networks. However, we have noticed that the open access movement has gained comparatively limited traction in MENA owing to a range of factors including widespread misconceptions about the nature of open access, a lack of awareness about its benefits, unsupportive institutional policies, and inadequate structural frameworks.

The first part of this paper will explore the underlying issues we have identified which are hampering the expansion of open research in MENA and then share the results of some of our surveys on this topic. The second part of the paper will focus on our solution to these issues, the Forum for Open Research in MENA (FORM). Our mission is to collaborate with leading libraries and research organisations to raise awareness of the open access movement and its benefits, and provide a forum for leading regional stakeholders and global experts to discuss key issues and exchange ideas. In the process, we hope to address structural inequities relating to the accessibility and visibility of the region's research outputs, especially Arabic-language research.

The first step in this project was our 2021 symposium 'Towards a more knowledgeable world with O.A. research in MENA'. This event brought together key regional stakeholders (including the Qatar National Library, the Dubai Health Authority, and the Sheikh Saud bin Saqr Al Qasimi Foundation for Policy Research) and global organisations (such as Crossref, Harvard University, Open Access Directory and ORCID) to discuss effective strategies for promoting open access research across the region.

During the symposium, we announced the forthcoming development of FORM and received expressions of interest and sponsorship from a number of major regional stakeholders. We are now working with our regional and global supporters to develop the necessary infrastructure, and aim to officially launch FORM during this year's Open Access Week.

In this paper, I will discuss the development of the FORM project and the work we are doing to help libraries reform regional perceptions and support open research, especially Arabic-language research.



**Emily Choynowski** is Head of Publishing for Knowledge E, a Dubai-based organisation providing scholarly content, digital resource solutions, publishing services, and educational trainings to a wide range of institutions and academic bodies from around the world. Emily has eight years' experience in the commercial publishing sector, working first as Editorial Manager and later as Head of Product and Marketing for two world-class macroeconomic research publishers, managing large publishing teams based across the globe. In addition, as an independent scholar and the Director of The Byron Society, she has maintained strong ties within the academic community, publishing numerous articles, and giving lectures at museums and universities around the world. She also sits on the Editorial Boards of a leading literature journal and a university press.

## **5.2 The role of research libraries in a national Open Science roadmap - the example of France.**

*Julien Roche, University of Lille, France*

### **Abstract**

France is engaged since a few years in a national planning of its actions in favour of Open Science, which reaches a certain maturity in 2022. The first plan was announced in 2018 at the annual LIBER conference. In 2021, a second plan was published.

Libraries have taken up the issue from the beginning and their role in Open Science has been decisive. At a local level, institutions regularly integrate library services into their strategies and often entrust them with the preparation and management of strategic issues. At a national level,

the Ministry of Higher Education and Research is working closely with libraries on the development of open science and on the determination of (open) public research funding criteria.

Supporters of Open Science, first-rate partners and leaders in their field of expertise, libraries have participated in 2018 and 2021 in setting up a national policy that responds to critical issues of openness and sharing of publicly funded research results, then in federating and animating active academic and research communities around these issues. This paper aims to show why research libraries in France are participating in the development of this policy, and how they are contributing to the implementation of actions that ensure its growing success.

The French government has based its Open Science strategy on complementary approaches that guarantee a coherent vision : publications, data, codes, open educational resources, evaluation of research, sovereignty issues, taking into account the European and international dimension of Open Science. Libraries have found their place in this ecosystem. Committed to the most concrete actions in the short term, characterized by a reflexive hindsight, endowed with a long term vision, libraries are key players regarding issues related to the dissemination, transmission and preservation of knowledge : they have built their role as strategic advisors to public authorities and ensured their recognition and representativeness within the decision-making bodies. As vectors of innovation and keepers of a structured scientific memory, libraries have shown their capacity to federate and manage academic communities around the challenges of opening up research results, data and publications, showcasing their role as key partners for researchers.

This paper shall present national achievements made possible by, with and through libraries: texts, documents, practical guides, examples of researchers, engineers and librarians communities; it shall also give some examples of implementation of these policies within higher education institutions. It will explain through practical cases why and how libraries have played an essential role in the launch of French national policies and are now playing a decisive role in its evolution. It will present the main French policy and strategic directions on Open Science and detail the specific aspects related to the action of research libraries. It will as a result illustrate how libraries, through their expertise but also thanks to their European and cross-professional vision, have been and are working

successfully towards the implementation of Open Science strategies in higher education and research institutions, where the national policy finds support and relays.



**Julien Roche** served as Director of the libraries of the University of Lille – Sciences and Technologies from 2005 to 2018. Following a merger of Lille’s three universities he became, in March 2018, director of libraries at the newly enlarged University of Lille. From 2010 to 2016, Julien served on LIBER’s Executive Board. He was also Chair of the LIBER Steering Committee on Reshaping the Research Library and led the Leadership Working Group, which is responsible for two leadership programs: the Emerging Leaders programme and the LIBER Journées programme. In July 2018, he was elected as LIBER Vice-President.

Julien Roche also has several national responsibilities including co-chair of the “European and international” college of the French Open Science Committee since July 2018 and member of the scientific board of the French National Bibliographic Agency for Higher Education – ABES.

He authored more than 30 scientific publications in medieval history as well as in library and information science and has been an invited speaker in many conferences. <https://orcid.org/0000-0003-4000-2791>



### **5.3 The ZHAW OER Community at the heart of fostering strategic aims of the university: digital transformation, lifelong learning, societal integration, and sustainability**

*Nicole Krüger, Yvonne Klein, Roger Flühler, ZHAW - Zurich University of Applied Sciences, University Library, Switzerland*

#### **Abstract**

The ZHAW – Zurich University of Applied Sciences defines five focus topics that are to be pursued by all departments and which are cross sectional topics at the basis of research and teaching at ZHAW; namely “energy”, “societal integration”, “digital transformation”, “sustainability”, and “lifelong learning” (1).

With regard to teaching, four of these five focus topics can be strengthened by publishing learning materials under open licenses as OER – open educational resources.

OER support the digital transformation in higher education by enhancing the variety of teaching materials available – and supporting new didactic concepts. They enhance lifelong learning, as materials are available for learners outside of the institutional learning paths. In the same way, they can enhance societal integration. As UNESCO states, OER for example contribute to the achievement of gender equality and to reduced inequalities within and across countries (2).

However, UNESCO also stresses in its recommendation on OER that an implementation on an international level is needed (3). For the achievement of the goals connected to OER it needs collaboration and a mindset shift towards a culture of sharing.

Hence, from the very beginning of its implementation in 2019/2020, the focus of the OER team at the ZHAW university library lay on community outreach, on building a network and a community.

With strong support through the initiative “ZHAW digital” (4) and the OER policy (5) of the ZHAW, the library as a central service unit across departments was in a very good position to create a community around OER at the ZHAW from its own network. An online kick-off event was organized where besides a keynote speech delivered by a renowned speaker, teaching staff had the opportunity to introduce their openly-licensed

materials to the community highlighting the challenges, obstacles and motivation in developing them. Today, the community shares information on published OER on the community platform and several connections across disciplines have been established.

Right now, the OER team is reaching out to the next generation of OER creators. Students of the ZHAW are asked to take part in a competition, where they produce their own OER addressing one of the 17 SDG of the UN. In this project Students4OER (6), which is supported by the Sustainable Impact Program of ZHAW (7), the OER team reaches out to students through the OER community, student groups on sustainability, social media, or workshops. Likewise, the aim is to strengthen the strategic aims of the ZHAW, i.e., “sustainability” in this case, through the promotion of OER.

In this presentation, we focus on best practices in establishing an OER community. We present outreach activities of the OER team and its embeddedness into funding lines, strategic initiatives, working groups, and teaching projects across ZHAW. Furthermore, we demonstrate the role of the library in strengthening strategic aims of the university through the promotion of OER.

- 1) <https://www.zhaw.ch/en/focus-topics/>
- 2) <https://en.unesco.org/themes/building-knowledge-societies/oer/recommendation>
- 3) *ibid.*
- 4) <https://www.zhaw.ch/en/focus-topics/zhaw-digital/>
- 5) [https://gpmpublic.zhaw.ch/GPMDocProdZPublic/Fuehrungsgrundlagen/Z\\_PY\\_Policy\\_Open\\_Educational\\_Resources\\_engl.pdf](https://gpmpublic.zhaw.ch/GPMDocProdZPublic/Fuehrungsgrundlagen/Z_PY_Policy_Open_Educational_Resources_engl.pdf)
- 6) <https://www.zhaw.ch/hsb/students4oer> (in German only)
- 7) <https://www.zhaw.ch/de/fokusthemen/zhaw-sustainable/sustainable-impact-program/>



**Nicole Krüger** is a librarian and MA in philosophy. After her studies she was a teaching librarian at ZBW – Information Centre for Economics. Since August 2020 she is Open Science Specialist in the field of Open Educational Resources (OER) and Open Access at the ZHAW University Library.



**Yvonne Klein** has worked in e-learning and as a project manager at various universities in England and Switzerland. She studied at the University of East London, received her postgraduate qualification from the Open University and is a Fellow of the Higher Education Academy (FHEA), UK. Since March 2021, she has joined the ZHAW, Zurich University of Applied Sciences, as a specialist for Open Educational Resources and Open Access.

### **Lightning talk:**

#### **How to facilitate fruitful innovative partnerships: Lessons from a library-startup-collaboration**

*Jesper Solheim Johansen, Keenious, Norway, Lars Figenschou,  
UiT The Arctic University of Norway, Mariann Cesilie Løkse,  
UiT The Arctic University of Norway*

### **Abstract**

In recent years, the impact of digitalization on the educational sector has been considerable. University libraries are no exception. Their patrons – including students and staff – rely more on digital resources and solutions than ever before. This paradigm shift offers new opportunities. Library-related technology has received increased commercial interest, leading to an emergence of early-stage entrepreneurial companies (start-ups) entering the stage.

Both libraries and the technology providers have a shared interest in solving the needs of the current and future patrons by offering improved library services. Neither the university libraries nor the startups are likely to succeed in creating future library technologies on their own. Collaborations between startups and libraries will therefore become increasingly important, and hopefully more common in years to come.

Creating and applying innovative technologies are often convoluted pro-

cesses. To develop great products and services, and to later implement them successfully, requires collaboration. It is necessary for developers to receive continuous feedback and guidance from those with domain-specific knowledge and expertise, in this case, the librarians.

For most libraries, however, technology startups are unknown territory (and vice versa). Even though such partnerships have the potential to be immensely fruitful, they can also present collaborative challenges. We believe that some specific measures can make this cooperation easier and more fruitful.

To shed light on this novel practice, our lightning talk brings up reflections and lessons from one such collaboration project between the university library at UiT The Arctic University of Norway and the technology startup company Keenious. In our allotted minutes, we plan to briefly introduce the collaboration project and discuss three important takeaways:

- What a library should know about the nature of startups before going into a project
- Why having a designated project facilitator within the library is crucial for success
- The importance of building and maintaining relationships through transparency

Both the library and the startup company are represented as presenting authors to yield two unique perspectives on the topic.



**Jesper Solheim Johansen, User Researcher at Keenious.**

I'm a psychologist and user researcher investigating search-related behaviors, allowing my company Keenious to make evidence-informed product decisions. My main interest is the cognitive underpinnings of information seeking, and how innovative technology can foster searching as learning.



**Dr. Lars Figenschou, Senior Academic Librarian at UiT,**

The Arctic University of Norway. I'm a behavioral biologist working, within the framework of Open Science, mostly with information literacy, learning strategies and student behavior. Why do today's student cohorts differ from those 15 years ago?



**Session 6:**

**Data Management:**

**Dealing with**

**data challenges**

Thursday 7<sup>th</sup> July,  
09.45-11.15

**Chair:** Simone Kortekaas, Wageningen University & Research  
- Library, The Netherlands

## 6.1 French national data management policy: the key role of libraries in the strategic issue of data management

*Cécile Swiatek, Université Paris Nanterre, France*

### **Abstract**

Since the beginning of the health crisis, data has been at the heart of decision-making and the management of our actions for opening up scientific knowledge. The structuring, circulation and opening up of data mobilises all the professions in our ecosystem: research support staff, computer scientists, librarians and documentalists, legal experts, researchers.

The European Commission's report Cost of not having FAIR research data and the French report by MP Eric Bothorel on the opening up of national data show the crucial issues of data sovereignty and the economic issues linked to their management. The French Ministry of Higher Education, Research and Innovation has published a roadmap to serve a national policy on data, algorithms and source code. \*As announced in its National Open Science Plan 2021-2024, France is opening "Recherche data gov", a national research data platform, in spring 2022. This national multidisciplinary platform has been conceived in close collaboration with a limited number of research institutions and organisations, including library services\*. The ambition is to make it available to all researchers who have no trusted repository solution for their data and are using their publishers' repositories, and to provide a customisable data repository for universities and research institutions. Fitting into an evolving international landscape, this initiative aims at avoiding the proliferation of insecure, non-sovereign, non-interoperable repositories that are far from FAIR practices.

Libraries play an important role at two levels: in the design of "Recherche data gov", and in the implementation of "Data Workshops" ("Ateliers de la donnée") – a single-window service collaboratively designed between institutions and their local partners, which aims to build research data management and curation skills for researchers. This paper presents how libraries participate in the process of designing the platform itself, leading to the implementation of "Recherche data gov" in France, their added value, their expertise, their decisive contributions. It presents the place occupied by library representatives in the decision-making mechanisms and for each of the platform three components: data deposit and dis-

semination service (repository); catalogue of French research data which indicates the data deposited in national or international thematic and disciplinary repositories; data support services.

Regarding training and data support services, this paper presents \*how institutions have relied on their library services to respond to the national call for the implementation of “Data initiation, training and support workshops” (“Ateliers de la donnée”)\* by and for partnering institutions in order to deepen the knowledge and build the skills of researchers and staff in terms of data management, aiming at the deposit of datasets on trusted repositories as well as their citability. This focus gives examples of libraries’ contributions in the design and coordination of services for the preparation and dissemination of data in proximity to researchers. It shows \*how libraries participate in setting up collaboration and partnerships between institutions, how they are positioned in the research data management field, in the training of researchers and in the realisation of their DMP up to the data deposit\*.



**Cécile Swiatek** is Director of the library of the University of Paris Nanterre, France. She is interested in accessible knowledge, information skills, pedagogy and digital innovation in higher education. Member of the Executive Board of the European league of research libraries (liber-europe.eu) and SPARCEurope, former Secretary General of the French academic libraries association ADBU (adbu.fr), she takes a curious and critical look at Open Education issues through her work at SparcEurope, OERGlobal Francophone and with the UNESCO. In 2020, she joined the French EDUCAUSE delegation. Since 2021, she has been mandated as a permanent national expert on Open Educational Resources (OER) in the French International Open Science Network (ReiSo) for the Ministry of Higher Education, Research and Innovation (MESRI).

<https://fr.linkedin.com/in/cecileswiatek>

<https://orcid.org/0000-0003-1066-4559>

## 6.2 Automating subject indexing at ZBW – the costs of the digital transformation and why we need less projects

*Anna Kasprzik, ZBW – Leibniz Information Centre for Economics, Germany*

### **Abstract**

Subject indexing, i.e., the enrichment of metadata records for textual resources with descriptors from a controlled vocabulary, is one of the core activities of libraries. Due to the proliferation of digital documents it is no longer possible to annotate every single document intellectually, which is why we need to explore the potentials of automation on every level.

At ZBW the efforts to partially or completely automate the subject indexing process have started as early as 2000 with experiments involving external partners and commercial software. In 2014 the decision was made to start doing the necessary applied research in-house which was successfully implemented by establishing a PhD position. However, the prototypical machine learning solutions that they developed over the following years were yet to be integrated into productive operations at the library. Therefore in 2020 an additional position for a software engineer was established and a pilot phase was initiated (planned to last until 2024) with the goal to complete the transfer of our solutions into practice by building a suitable software architecture that allows for real-time subject indexing with our trained models and the integration thereof into the other metadata workflows at ZBW.

In this talk we report on the milestones we have reached so far and on those that are yet to be reached on an operative level. We also discuss the challenges we were facing on a strategic level, the measures and resources (hardware, software, personnel) that were needed in order to be able to effect the transfer, and those that will be necessary in order to subsequently ensure the continued availability of the architecture and to enable a continuous development during running operations.

We argue that in general, the format of “project” and the mindset that goes with it may not suffice to secure the commitment that an institution and its decision-makers and the library community as a whole will have to bring to the table in order to face the monumental task of the digital transformation and automatization in the long run.



**Anna Kasprzik:** After obtaining their PhD in Theoretical Computer Science Anna Kasprzik entered the library world via an additional qualification as a subject librarian. They have worked at the Bavarian State Library and at the department for research and development of TIB - Leibniz Information Centre for Science and Technology before coming to ZBW - Leibniz Information Centre for Economics as the coordinator for the automatization of subject indexing via machine learning methods.

Their interests cover both symbolic approaches (such as ontologies, knowledge graphs, and the Semantic Web) and sub-symbolic approaches (i.e., from the realm of artificial intelligence), and the question of how they could be intertwined in a more fruitful way.

### **6.3 Responding to local data support challenges through a global student DataSquad**

*Deborah Wiltshire, GESIS Institute for Social Sciences, Germany, Paula Lackie, Carleton College, Tim Dennis, UCLA, Elizabeth Parke, University of Toronto*

#### **Abstract**

The demand for expert data management and manipulation in the research community has never been greater. Luckily, among our students, both at the undergraduate and graduate level, there is also a steady stream of budding data scientists eager for real data experience. Matching their enthusiasm with the campus-wide data wrangling needs is the challenge!

From the 1990's Carleton College (a 4-year liberal arts institution) has provided opportunities for their students to get real-life research experience and also to address the challenges in providing high quality data support services across the institution. By 2014, the DataSquad model was born. Since then, many students have joined the DataSquad, providing cutting edge data support services across the institution.

The DataSquad model is designed simultaneously to assist libraries and data services in providing data support services. It also gives students practical data experience, giving them a valuable first step on their future careers as data professionals. In 2020 we formed the DataSquad Interna-

tional Working Group to look at how the DataSquad model could be adapted and expanded across different countries and settings.

In early 2021 we conducted a survey of libraries and data archives across the globe, investigating the challenges that they face in delivering data support services with student labor and what barriers exist. We followed up with a lively panel discussion at the 2021 IASSIST Conference.

In this presentation we will begin by discussing the initial findings of this survey, drawing out key trends in data support and barriers. Following the discussion of the survey findings, we will outline the early success of two work-in-progress initiatives currently running at Carleton College and UCLA, a sustainable start-up style programme based on the original DataSquad model. Consideration is also underway to look at whether the DataSquad model can be further adapted by institutions in Canada and in Data Archives who are also tasked with providing data support and face similar challenges to libraries.



**Dr. Deborah Wiltshire** is a demographer and secure data access professional. She taught quantitative research methods and demographic methods at the University of Southampton, UK before moving into the field of data governance and secure data access solutions. Deborah worked for a number of years at the UK Data Archive, specialising in data governance and statistical disclosure control, training hundreds of researchers in both topics. In 2020 Deborah moved to Germany where she is currently the Head of the Secure Data Center at GESIS Institute for the Social Science. Her research interests are the safe and ethical use of secondary data sources and the use of historical data to examine social change.

**Session 7:**

**Trailblazing training**

**for higher education**

Thursday 7<sup>th</sup> July,  
09.45-11.15

**Chair:** Hilde van Wijngaarden, Vrije Universiteit Amsterdam,  
The Netherlands

## 7.1 A modular and community-driven FAIR teaching and training handbook for higher education institutions

*Claudia Engelhardt, TU Dresden, Yuri Demchenko, University of Amsterdam, Federica Garbuglia, European University Association, Valerie McCutcheon, University of Glasgow, Birgit Schmidt, Göttingen State and University Library, Hugh Shanahan, Royal Holloway, University of London, Armin Straube, University of Limerick, Shanmugasundaram Venkataraman, OpenAIRE, André Vieira, University of Minho, Biru Zhou, McGill University*

### Abstract

The FAIR principles, providing guidelines to improve the findability, accessibility, interoperability and reusability of research outputs, have become a commonly recognised practice by stakeholders in research and higher education. Although a landscape study undertaken in 2019 showed that universities are well aware of the importance of the FAIR principles and are striving towards the proper integration of FAIR-related content in curricula and teaching, the actual implementation remains a challenge (Stoy et al. 2019).

To support higher education institutions in this respect, a group of 40 community experts – brought together by a book sprint organised by the FAIRsFAIR project (<https://fairsfair.eu>) in June 2020 – created a teaching and training handbook. It comprises tools and information covering different aspects of FAIR- and RDM-related activities. These include:

common Body of Knowledge and competence profiles for the bachelor's, master's and PhD degree levels, suggesting which knowledge, skills and competences students should acquire in terms of FAIR,

learning outcomes matching the competence profiles, specifying what students will be able to do after a course or training on the topic(s) in question, sixteen lesson plans on FAIR- and RDM-related topics,

information on course design,

guidance on the implementation of the principles in the institutional context.

The different components of the handbook can accommodate FAIR implementation at different levels within an institution (e.g. at the faculty level and at the institutional level). The modular design of the handbook provides a framework that can be easily maintained, updated and expanded.

We envision the handbook being available in multiple formats. In addition to the project deliverable (Engelhardt et al. 2021) already available on Zenodo, a print publication and a GitBook version will be published. The GitBook version provides the flexibility for future maintenance and contributions by the community beyond the project lifetime. The editorial team intends to review the impact and feedback of the handbook a year after publication. An announcement regarding long-term maintenance and development by a defined community of practice will be made by the time of the conference.



**Dr. Birgit Schmidt** coordinates international and national Open Science activities and projects and leads the unit Knowledge Commons at Göttingen State and University Library. Her activities focus on policies, e-infrastructures and training in support of the implementation of Open Access and Open Science. She contributes to several international committees and working groups (e.g. LIBER Executive Board, Knowledge Exchange Open Access Expert Group, Library Carpentry Advisory Group). She served on the EC's Horizon 2020 expert group on the Future of Scholarly Publishing and Scholarly Communication, Knowledge Exchange's Open Access Experts Group and the Belmont Forum's working group on Open Data. Previously, she acted as Scientific Manager of the European OpenAIRE project and as Executive Director of the Confederation of Open Access Repositories (COAR). She holds a Mathematics and Philosophy degree from the University of Bielefeld, and a postgraduate degree in Library and Information Science from Humboldt University Berlin.



**Armin Straube** is the Research Data Manager at the University of Limerick in Ireland. His tasks include teaching and consultancy around Open Research in general and Research Data in particular. To promote the re-use of data sets produced by the university and to open up data from the special collections of the Glucksman Library, he is currently developing a data lab for students, researchers and guests of the university.

Before joining the University of Limerick, he was working in various data roles for the National Library of Germany, the National Library of Qatar, and University College London. Armin holds master degrees in archives and records management, in history, and in geography.

## 7.2 Open science and communities of researchers: the big gap in training. A case study at Sorbonne University

*Pascale Pauplin, Sorbonne University, France*

### **Abstract**

In 2019, the newly formed Sorbonne University, created in 2018 by the merger of the universities Paris-Sorbonne and Pierre-et-Marie-Curie, adopted a strategic 5-year plan for 2019-2023 that put the promotion and development of Open Science as one of its four core principles. The strong institutional and political support for open science allowed the transition from the support of best practices to the adoption of a set of institutional policies, on open access publication, open data and data management plans, and on the evaluation of research and the allocation of institutional funding. This institutional strategy is also based on the Open Science national policy (Law for a digital republic in 2016, national plan for open science in 2018 and 2021) and European incentives (European funders' policies). The mainstreaming of open science practices is also at work within the alliances in which SU is involved, especially the 4EU+ European University Alliance (Sorbonne, Prague, Heidelberg, Warsaw, Milan and Copenhagen) developing cooperation in teaching, education and research.

The challenge for Sorbonne University is to have the researchers adopt these policies in their scientific practice. It is a challenging task, requiring a small team to provide a coherent service answering the needs of a large and very heterogeneous community, with sometimes conflicting needs.

In a case study of Sorbonne University's Open Science training, this paper will highlight how flexibility and pragmatism helped the framing of a coherent training program addressing the needs of open science novices as well as experienced practitioners. It presents the options chosen to train on a large and international scales and the "à-la-carte" sessions answering the specific needs of each community.

The paper also shows which skills and job profiles are needed to support a wide range of training. Some of these skills were found within the Sorbonne University Library (librarians, but also an archivist and a paleontologist), but it was also necessary to establish collaborations with other university services (ie, accompanying researchers in digital methods and data storage) for a more specific training on certain subjects.

The paper also describes the network built with research-related staff in direct proximity to the researchers (open science referents, project managers, etc.) on which the library relies to promote the training program.

Finally, it will present how the involvement in the 4EU+ Alliance created the opportunity to further expand the training on Open Science for an even wider and more diverse community, with the 4EU+ Open Science training program, built in collaboration with partners from six different universities during the COVID crisis and delivered online from November 2021 to July 2022.



**Pascale Pauplin** is a librarian at the Sorbonne University library. She has been working in the library since 2018. Currently in charge of the Open Access & Scholarly Communication Department, she trains and provides support to researchers when making their publications available. She is a member of the Publications College of the French

Committee for Open Science. Sorbonne University is strongly committed to open science and the SU Library Data services and Open Access & Scholarly Communication Department are in charge of the implementation of the Open Access and data policies. The department administers the institutional portal in the national open repository HAL, coordinates the open science training and takes care of the deposit of electronic theses.



### 7.3 An Open Science Mooc: drawing on the strengths of collaboration between institutions

*Marion Brunetti, Muséum national d'Histoire naturelle, France, Adrien Demilly, Sorbonne Université, France, Violaine Jacq, Sorbonne Université, France*

#### **Abstract**

How to train on a large scale in open science? By producing a MOOC and drawing on the strengths of collaboration between institutions.

In 2019, to answer the newly adopted open access policy adopted by Sorbonne University, which aims to give all post-graduate students a training on open science, the Sorbonne University Alliance, an alliance of 6 higher education institutions (France Education International, Insead, National Museum of Natural History, Paris-Boulogne Billancourt Higher Education Centre for the Arts, Sorbonne University and the University of Technology of Compiègne) launched the production of a MOOC dedicated to open science.

Strategic choices were made at the beginning: to produce the MOOC internally, developing the skills of the teams in the process; to include in the team project post-graduate students; and finally to organise several sessions during the year, in order to favour trans-disciplinary community building among the students participating in each session.

Distributed on the FunMooc platform, in French and English, it is primarily aimed at the community of over 800 PhD students of the Sorbonne University Alliance but it is also open more widely to researchers, research support staff and the general public.

In this MOOC 5 aspects of open science (publications, data, citizen science, research assessment, society and science) are addressed through the eyes of various scientific and technical information professionals, senior researchers and PhD students from 11 international institutions.

An entire module focuses on citizen science in order to broaden open science to participation and not just access. As far as we know, this is the first time that citizen science is included in a generalist MOOC on open science in Europe.

It also strives to build a community of learners, preparing PhD students to more collaborative practices, communicating with the general audience

on certain research issues and encouraging researchers to share their different experiments, from all the domains they work on, as humanities, technical sciences and medicine are represented. MOOC sessions are led every semester by trainers from Sorbonne University and the National Museum of Natural History.

This MOOC carries also to itself the values of open science. The graphic design is based on reusable images. The entire content (texts, interviews in full version and visuals) is under the international and French open licenses and deposited in the Zenodo open archive.

Our paper will highlight the collaboration of institutions as well as the construction of a community of learners around open science. Furthermore, as the first session of the MOOC starts on March 7, at the time of LIBER 2022 Annual conference we can provide some elements regarding participation statistics and qualitative feedbacks.



**Marion Brunetti:** Librarian at the National Museum of Natural History in Paris (France), Marion Brunetti is in charge of information literacy training programs and of the Museum open science digital repository. As a trainer, she's interested in active learning techniques and innovative teaching methods in High Education and Research. She is

a member of the Commission Pédagogie in the French academic library managers association (ADBU). Concerning open science, she maintains HAL Museum repository and elaborates training sessions and communication supports on open science. Librarian in universities since 2011, she is particularly interested in how libraries contribute to the diffusion of knowledge.



**Violaine Jacq:** After a PhD in Oceanography with a teaching assignment, one year of university research and teaching and five years as a scientific popularizer and mediator, Violaine Jacq is currently a trainer at the Sorbonne University Library in Paris since two years. She is mainly in charge of Open Science training for all the university users:

student, PhD student, researchers or research support staff. She also performed training about other librarian topics like academic publication or literature research. Sorbonne University is strongly committed to open science and the SU Library Data services and Open Access & Schol-

arly Communication Department are in charge of the implementation of the Open Access and data policies. The department administers the institutional portal in the national open repository HAL, coordinates the open science training and takes care of the deposit of electronic theses.



## **Session 8:**

# **Libraries driving Initiatives**

Thursday 7<sup>th</sup> July,  
09.45-11.15

**Chair:** Martin Moyle, UCL Library Services, United Kingdom

## 8.1 Careers Library: unconventional collaboration to boost learning

*Tatiana Usova, Carnegie Mellon University in Qatar, Doha*

### **Abstract**

The primary goal of universities is to prepare students for future careers. The library becomes a recognized partner in achieving this goal and equipping students with the diverse skills required for employment. One of the problems identified by librarians through interviews with alumni was the lack of certain competencies essential in finding a good job and succeeding at it.

The paper introduces a unique collaboration of the Georgetown University in Qatar (GU-Q) library with campus non-academic units, Career Services and Alumni office, in the creation and implementation of Careers Library, an online week-long event offering an opportunity for seniors to connect with alumni and get access to their expertise and advice on how to prepare for a career, skills to develop before leaving the university, strategies to use in a job search, resources to draw on in interview preparation and ways to navigate workplace culture. Run in March 2021, Careers Library individually paired each student with an alumnus of their choice for thirty-minute virtual conversations. With the organizational concept akin to Human Library, the event's primary focus was on student preparation for future employment. After the meeting, when the need for skill enhancement became paramount to students, the library sent a document connecting them with relevant services and valuable information resources for future reference. Thus, the initiative did not only support library commitment to the university's core mission but also advanced the effective use of collections and services. Learning about student information needs helped the library decide on additional workshops to offer, and what's more, non-academic collaborators turned into library advocates and felt confident to refer students to the library. Survey feedback was used to evaluate the organization and outcomes of the project. The findings confirm the beneficial impact of the initiative and illuminate points for improvement.

Academic libraries innovate to continue to be meaningful. This case study demonstrates how the library can engage in broader activities beyond in-

formation literacy instruction and leverage alumni relationships to develop students' competencies. The paper aims to give an overview of the project and its outcomes as well as to illustrate how it fits within the framework of library outreach activities and adds value to student academic experience.



**Tatiana Usova** has 20 years' international experience with university libraries in Belarus, Canada and Qatar. She is currently holding a position of the Associate Director of the Library at Georgetown University, Qatar. Tatiana's interest and expertise lie in information and digital literacy, teaching and research support, staff development and library leadership. ORCID ID: 0000-0003-3431-3892

## **8.2 Experimenting with Research Services in the Library: a Case Study from the University of Angers (France)**

*Zoe Anna Hardy, Damien Hamard, University of Angers, France*

### **Abstract**

The purpose of this paper is to provide an overview of the goals and challenges met by the University Library of Angers in the recent development of new research support services (namely Service d'Appui à la Recherche or SAR). Officially launched in September 2021, the SAR aims to guide, help, welcome and train researchers of all levels and disciplines by experimenting with creative initiatives centred around four clusters of expertise: data management, academic publishing and OA, doctoral training, and English writing support. Underlying this configuration is a deliberate strategy to develop services based on skills and strengths readily available at the University Library of Angers. The SAR thus brings together two research librarians and two PhDs in Humanities (respectively in archival science and English literature) while persistently relying on a broad network of colleagues from different backgrounds – from archivists to subject librarians, including information scientists and communication coordinators.

The focus of this proposal is on the evolution of two ongoing experimental projects: community building for PhD students and editorial consultancy for academic journals. Both missions warrant numerous and complex adjustments to a fast-changing political ecosystem. While these initiatives are firmly anchored in the Open Science movement, and while the emer-

gence of the SAR positively echoes the global impetus to trust academic libraries with increasingly extensive roles in research, this new hub of activity is still regularly met with reluctance and misconceptions (often sustained by the belief that research belongs in the labs).

This paper shall discuss these limits and constraints in the light of local, national, and European contexts. It may also highlight the benefits of the experiments so far led in Angers. By introducing the SAR to an international audience, we hope to establish relevant connections with neighbouring initiatives facing similar challenges and collectively reflect upon the future of research in academic libraries.



**Zoé Hardy** completed her PhD in English literature at the University of Angers, France, and at KU Leuven, Belgium. She joined the research support services of the University Library of Angers in 2021 to help develop and sustain editorial projects and to provide consultancy on academic publishing and open edition. She has published in several international journals and continues to conduct research in literature and artificial creation. Hardy has taught modules on English and literature, and currently runs training sessions to help PhD candidates improve their academic writing in English.





## 8.3 Libraries and the Research Culture Lens at the Universities of Glasgow and Leeds

*Claire G Knowles, University of Leeds, United Kingdom,  
William J Nixon, University of Glasgow, United Kingdom,  
Valerie McCutcheon, University of Glasgow, United Kingdom*

### **Abstract**

The universities of Glasgow and Leeds have publicly committed to implementing a positive research culture through Research Culture Statements, institutional strategies and implementation plans. This presentation will discuss the role of the library in developing and supporting a positive research culture and how it impacts on the library's services.

### **We will discuss the:**

- level of library engagement in developing the statement
- impact on and alignment with library services
- research culture and scholarly communications
- research culture and open research
- role of bibliometrics in supporting a positive research culture
- how the library can play a part in reward and recognition

The implementation of a positive research culture provides an opportunity for libraries to partner, support and to lead through its staff expertise and resources.

### **University of Glasgow**

The University of Glasgow launched its Statement on Research Culture in 2019 and is a core component of its Research Strategy (2020-25). The statement includes a range of themes including Career Development, Research Recognition, Open Research which intersect with support from the Library. More specifically this includes, for example support around:

- the use of responsible metrics
- pilot work around the CASRAI CRediT taxonomy
- support for open research through repositories and services for publications and research data
- support for institutional research dashboards and KPIs

The Library works in partnership both with individual academics but also with other University teams, most recently exemplified by our work in the UK's Research Excellence Framework (REF2021) exercise.

### **University of Leeds**

The five broad themes of the University of Leeds' Research Culture Statement are:

- Personal development, reward and recognition
- Open research and impact
- Equality, diversity and inclusion in research
- Responsible research and innovation
- A collegiate and supportive environment

A library representative is a member of the Research Culture Group and co-leads two sub-groups, those for Responsible Research Metrics and Open Research. The lens of research culture has meant a more strategic focus for the library on its associated services: bibliometrics, open access, open data, literature searching, and research integrity. It has led to engaging



with other institutional partners in new ways, for example:

- Human Resources staff who work in the school and faculties, to provide training and guidance on the role of research metrics in individuals careers, through hiring and promotion.
- Working in partnership Strategy and Planning and Business Intelligence colleagues on school and faculty benchmarking. Focusing on the research culture and the benefits of open research within our support for scholarly communications.

These and other examples will be explored in the presentation.

## Beyond the UK

Looking beyond the UK, we will share findings from a survey of colleagues across the LIBER Emerging Leadership Programme 2019 to capture an indication of research culture and library engagement across LIBER libraries.



**Claire Knowles, Associate Director: Research and Digital Futures, University of Leeds Libraries.** Claire leads on the development and support of the systems that underpin the work of the library. She is responsible for the Library's digital transformation programme, the library management system and the institutional repositories. Claire is also responsible for all library services that support research staff and students. This includes research metrics, research data archiving, the researcher training programme, open access compliance checking, data management planning tools and ORCID implementation. Claire is the Open Repositories Conference Steering Committee Chair, co-chair of the International Image Interoperability Framework (IIIF) Outreach Group, and a member of the Liber Emerging Leaders Programme Cohort 2019-2022.



**William Nixon, Assistant Director: Academic Engagement and Digital Library, University of Glasgow.** William is the Assistant Director (Academic Engagement and Digital Library) at the University of Glasgow. He has been active in supporting research and repositories over the last 20 years. He works with colleagues across the University to support the research culture, lead the development of Glasgow's institutional repositories and the outputs submitted to the UK's 2021 Research Excellence Framework.

# Sponsor Strategy

## Update

Thursday 7<sup>th</sup> July,  
12:00-12:30

# Clarivate + ProQuest: How bringing two leaders together will enable libraries to fulfil ambitious research missions

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**Chair:** Lars Burman, Uppsala University Library,  
Uppsala, Sweden

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## Abstract

In December 2021, Clarivate and ProQuest became one company, bringing together complementary assets in analytics, content and SaaS software solutions. Guided by a shared commitment to accelerating innovation through improving research, learning and insights, Clarivate and ProQuest have begun connecting data and streamlining workflows across products.

In this 30-minute session, you'll get an update on the integration of these two leaders and the product roadmap that's being shaped in collaboration with libraries and researchers. You'll get a look ahead at integrated solutions that improve collection management, enrich product value, unify researcher profiles, and increase the efficiency of research administration, with the ultimate goal of helping libraries increase their impact on the university's research mission.



**Francesca Buckland** is Director of Product Management for the Web of Science. She joined Clarivate in 2018 after holding product roles at Elsevier and Mendeley, where she was responsible for researcher workflows, recommendations and updates. Francesca also has experience in grants management at the Royal Society in the UK and academic publishing.

# Panel Discussion

THURSDAY 7<sup>TH</sup> JULY, 13:30-14:30

## Supporting EOSC: Putting Institutions in the Driving Seat

**Chair:** Irena Vipavc, University of Ljubljana and CESSDA/EOSC Future

### Abstract

EOSC provides multi-faceted solutions to a range of users to discover, access, share and reuse vast swathes of data. This infrastructure will also require an intensive effort to support potential and current users. Institutions and libraries have a natural role here given their vital position in outreach to researchers.

This panel session for *'EOSC solutions (or support)'* will provide an opportunity to find out more about EOSC. It will cover existing outreach and training for EOSC, describe technical solutions, touch on scholarly communication aspects, as well as discuss researcher perspectives. It will provide an ideal opportunity for librarians to hear about the latest EOSC developments, brainstorm how to move forward and what tools they need at their fingertips to promote EOSC.

### Panel session structure

#### **1st part: Lightning Talks**

These talks will cover what EOSC provides for libraries and how you could get your resources to the EOSC catalogue/portal/Knowl-

edge Hub. It will showcase the first outcomes from the EOSC Observatory and present an outline of the EOSC training programme for institutions.

It will also focus on practical information on how to become an EOSC research product provider, under preparation in EOSC future project, highlighting also lessons learnt from previous EOSC related projects.

**Lightning Talk 1:**

*“What do institutions want out of EOSC and how EOSC Future will address this”*

- Sarah Jones (GÉANT/ EOSC Future).

**Lightning Talk 2:**

*“What do researchers want out of EOSC”*

- EOSC Pillar Ambassador

**Lightning Talk 3:**

*“EOSC Core in practice and how it supports research product providers”*

- Pedro Principe, University of Minho and OpenAIRE

**Lightning Talk 4:**

*“Institutional perspective -policies, workflows, outreach and training”*

- Dunja Legat, University of Maribor Library/NI4OS-Europe

**Panel session objectives:**

- Learn how EOSC is relevant to librarians  
- it's more than just a harvester!
- See practical examples of how researchers are using EOSC as a way to encourage and support uptake within your institution
- Promote interactive discussions to learn how a librarian could use EOSC - learn about tools -and provide library resources to EOSC
- Get feedback from the audience on EOSC questions

**2nd part: panel discussion - Moderated discussion  
with speaker questions and open discussion.**



**Irena Vipavc Brvar** is working in Slovenia Social Science Data Archives for more than 20 years. Archives are promoters of openness of data resources and transparency of research processes and are joining Slovenia Open Science Community with this perspective in mind. Irena is a data archiving expert, but also long-time trainer and leading Training Working group on the level of Consortium of European Social Science Data Archives (CESSDA ERIC). She was leading engagement and awareness raising task in SSHOC project, where several events were organized in collaboration with LIBER.



**Sarah Jones** is EOSC Engagement Manager at GÉANT, where she works with NRENs on supporting Open Science. She is an information professional with over a decade working in research data services in the higher education sector. At the Digital Curation Centre she led the DMPonline service and worked on consultancy and training. Sarah was rapporteur on the European Commission's FAIR Data Expert Group and independent expert on the EOSC Executive Board, chairing the FAIR Working Group. She now sits on the EOSC Association Board of Directors.



**Pedro Príncipe** is Head of Division at University of Minho Documentation Services. Coordinates the Open Science Projects Office with participation in several European projects, such as OpenAIRE-NEXUS, EOSC-FUTURE, OpenAIRE-Advance, FAIRsFAIR, ON-MERRIT, FIT4RRI, OpenAIRE-connect, FOSTERPlus. In OpenAIRE he is working as support and training manager and Dashboard for Content Providers product manager, and in EOSC-FUTURE working in the training and skills WP and leading the task developing the EOSC Knowledge Hub. He is member of the



National Executive Council of the Portuguese Association of Librarians, Archivists and documentalists (BAD) and in BAD is also Coordinator of the Academic Libraries working Group. Pedro Principe was member of the EOSC FAIR Working Group (2019-2020) and is the chair of the Portuguese RDM Forum, annual event organized since 2016 to promote RDM strategies services in Portugal.



**Dunja Legat** is director at the University of Maribor Library, Slovenia. Her primary professional interests are scientific journals, digital libraries and open science. She is very active in developing the institutional repository of University of Maribor called DKUM. She was a member of a task group appointed by the Ministry of Education, Science and Sport to prepare the national document *Open Access in Slovenia 2015-2020* and now is the member of taks group for preparing of the action plan of the Research and Innovation Strategy of Slovenia 2030, chapter for open science. Dunja Legat represents the University of Maribor Library in the regional EOSC project National Initiatives for Open Science in Europe (NI4OS-Europe), she was a member of EOSC Skills & Training Working Group and momentary is the member of EOSC Task Force Data stewardship curricula and career paths. She also leads the University of Maribor Press.

# Panel Discussion

THURSDAY 7<sup>TH</sup> JULY, 15:00-16:00

## Supporting Diamond Open Access: Research libraries as funders, intermediaries and publishers

**Chairs:** Katharina Schulz, Technische Informationsbibliothek (TIB), Germany and Juliane Finger, ZBW -Leibniz information centre economics, Germany

### Abstract

In the ongoing transformation of the scholarly publishing system to Open Access, more and more actors argue that it is important to maintain bibliodiversity in the publishing system.

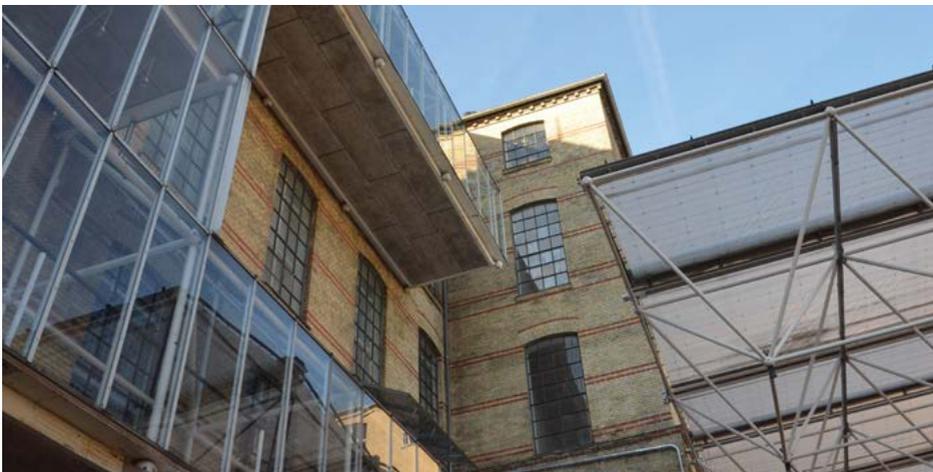
One way to achieve this is by investing not only in transformative agreements with big commercial publishers but also in non-commercial publication models governed by scholarly communities.

In this panel, we present four different approaches from research libraries that aim to support Diamond Open Access publication initiatives from the scholarly community. Diamond Open Access means that the publication costs are neither financed by library subscriptions nor by article Processing Charges (APCs), but via alternative business models. The four presentations in the panel highlight different roles that research libraries can adopt in supporting Diamond Open Access: libraries as intermediaries, libraries as funders, libraries as providers of publishing infrastructure.

The first presentation outlines libraries in the role of intermediaries between publishers and authors by establishing Open Access consortia. Libraries have a long-standing expertise in consortial negotiations, yet possibilities for a broad adaptation to APC-free Open Access resources have not been fully explored. In the project KOALA (2021-2023), Technische Informationsbibliothek (TIB) and Communication, Information, Media Centre (KIM) of the University of Konstanz develop a sustainable and scalable business model that offers consortial solutions for financing Diamond Open Access resources.

The second presentation focuses on the Fund for Fair OA managed by KU Leuven Libraries since 2018. This fund is devoted to providing financial support for non-profit, community-driven approaches to Open Access and Open Scholarship infrastructures. It is thus an important asset in KU Leuven's contribution to collective funding programs which are a typical feature of Diamond Open Access business models. Particular attention will be given to the selection criteria and other practical aspects of managing the fund on a day-to-day basis.

The third presentation presents a project in which a research library acts as a funder of Diamond Open Access in the disciplines business and economics. With the Open Library Economics (OLEcon), the ZBW -Leibniz Information Centre for Economics offers funding for scholar-led journals



that strive to establish a sustainable Diamond Open Access business model. The presentation is going to highlight learnings from the initial funding period (2021-2023).

The fourth presentation presents a service where a research library acts as a provider of publishing services. With TIB Open Publishing, the Technische Informationsbibliothek (TIB) offers publishing services to conference organisers and journal editors. The service adheres to high editorial standards and participates in the further development of the free software Open Journal Systems (OJS).

In the panel, we will discuss the chances and challenges libraries face when starting initiatives to support Diamond Open Access. We will look at the different initiatives' specific contexts as well as learnings that can be helpful to initiatives in other countries. We furthermore want to discuss with the audience how support for Diamond Open Access can be implemented in local library strategies.

### **The presenters:**

#### **Presentation 1 (KOALA): Sarah Dellmann, Katharina Schulz, Dr. Martina Benz**



**Katharina Schulz** is the project coordinator for KOALA – Konsortiale Open-Access-Lösungen aufbauen at Technische Informationsbibliothek (TIB). She has been active as an open access and OER enthusiast for several years and has worked as an e-learning author both in university and corporate settings.

**Lena Dreher** is a member of Team Open Science at the Communication, Information, Media Centre (KIM) of the University of Konstanz. She is the National Open Access Desk Germany for OpenAIRE and has worked on several third-party funded open access projects before joining open-access.network and the KOALA project.



**Martina Benz** is working in the Team Open Science at the Communication, Information, Media Centre (KIM) of the University of Konstanz. Besides her involvement in the KOALA project, she evaluates the implementation of open-access-policies in Germany in the project OPEN4DE.

**Presentation 2 (KU Leuven Fair OA Fund): Dr. Demmy Verbeke.**



**Demmy Verbeke** is a member of the management team of KU Leuven Libraries and Head of Artes, the unit responsible for collections and services for the Arts and Humanities. He combines this position in the library with an appointment as associate professor of open scholarship at the Faculty of Arts.

**Presentation 3 (OLEcon project): Dr. Juliane Finger.**



**Juliane Finger** is working in a project with the aim to support the Open Access transformation in the disciplines business and economics at ZBW -Leibniz information centre economics in Hamburg, Germany. Before joining the ZBW-team, she worked in several projects on the topics Open Access and cultural change through digitisation.

**Presentation 4 (TIB Open Publishing): Dr. Xenia van Edig.**



**Xenia van Edig** is publication platform manager of TIB Open Publishing at Technische Informationsbibliothek (TIB). Xenia has been working in Open Access Publishing for more than 10 years. Before joining TIB she worked at Copernicus Publications and was a member of the board of directors of the Open Access Scholarly Publishing Association (OASPA) for five years.

**Session 9:**

**Trusted partners**

**in research data support**

Friday 8<sup>th</sup> July,  
09.00-10.30

**Chair:** Hardy Schwamm, James Hardiman Library,  
National University of Ireland, Galway, Ireland

## 9.1 Building a research data support service from an experiment: the case of the University of Strasbourg

*Stéphanie Cheviron, Adeline Rege,  
University of Strasbourg, France*

### **Abstract**

When University of Strasbourg started to develop research data management services in 2014, the Library Services (SBU) conducted a quantitative survey and interviews to find out the needs and practices of researchers. These studies revealed that researchers in the humanities and social sciences needed tools to visualise their data and make them available online.

We therefore set up in 2015 an experimental support service for researchers jointly with the IT department (DNum). We chose 4 pilot projects in the humanities and social sciences as use cases to develop web applications to exploit, describe and disseminate data.

### **We aimed to:**

- Determine what were the most common requests
- Provide the human and technical resources necessary to address them
- Define an adapted service offer
- Size the research data management team within the library and develop the appropriate skills.

From 2015 to 2021, the data librarian was “embedded” in the 4 research teams. The library helped researchers write functional specifications for the applications. We proposed a data model to structure the data. As a result, several databases were developed, including an application that became the backbone of several other projects.

We discovered during this experiment that working with researchers is multifaceted. Not all projects can be supported because some are not sufficiently technically defined. Researchers also have to be available.

Therefore, lack of maturity and schedule conflicts can be detrimental to the success of a project. In addition, participating in a software development project is a long-term commitment because of new features and updates. The accumulation of projects supervision is time consuming.

Finally, the library has often gone much further in its activities than originally thought because we have in fact taken on a role of coordination and interface between the various stakeholders that no one had previously assumed. This is especially true with the DNum because a research project is different from an IT development project, and most of the researchers had never worked with IT specialists, while the DNum had never worked with researchers. However, the requests are diverse and can involve other university services.

The need to structure the service in a more robust way became apparent. The first step was to put an end to this experiment by defining a comprehensive and common service offer with the DNum, the Research Data Helpdesk. We now provide data management plans support, advice on repositories, and guidance on metadata standards. The library team strengthened with an additional FTE. The DNum created a service dedicated to research data.

The second step was to structure our organization at the institutional level and with our partners, by grouping all data support services within the university in a « data workshop ». At the end of 2021, the Ministry of Higher Education, Research and Innovation launched an initiative encouraging research institutions to create and certify “data workshops”. This one-stop shop will provide support covering the entire data lifecycle and will bring together all the skills needed to guide, help and train researchers.



**Adeline Rege** holds a PhD in modern history from University Paris-Sorbonne and a degree in Library and Information Science (Diplôme de Conservateur des Bibliothèques) from ENSSIB in France. She started her professional career in public libraries in Caen, Normandy. She's been working at Library Services at University of Strasbourg since 2009 and here current position is Head of Scholarly Communications and Research Support. Her department includes three teams responsible for electronic resources, Open Access, and Research Data Management.

She's also the Open Access Officer for the Vice-President for Research, Doctoral training and Open Science. Adeline Rege also has responsibilities in the field of open science at the national and european levels. At the national level, she is a member of the Professional Bureau of the french national library consortium Couperin where she supervises negotiations with science and technology publishers and the ORCID France consortium, and

she's an open access expert for the national Committee for Open Science. At the european level, Adeline Rege is a member of the Info & Open Access working group at League of European Research Universities, as well as an open science expert for the Swissuniversities Open Science programme.



**Stéphanie Cheviron** holds a degree in art history and a degree in information and communication technologies. She started her professional career as a webmaster, with a focus on database conception. From 2010 to 2014, she worked on databases of heritage monuments at the Regional Conservation of Historic Monuments Services.

Since 2015, she is a data librarian at the Library Services of the University of Strasbourg. In 2022, she will be in charge of the Alsatian one-stop shop offering support to researchers on all issues related to research data management, in partnership with the data support services of several Alsatian research institutions.

Stéphanie Cheviron also has responsibilities in the field of research data at the national and european levels. At the national level, she is a member of the Open Science Working Group on Data of the french national library consortium Couperin. She also works on the national research data repository Recherche Data Gouv implementation project. At the european level, she is a member of the Knowledge Exchange FAIR Data and Software Supporting Reproducibility working group.

## 9.2 Data as a new research publication type: What could be the role of research libraries as service providers?

*Mari Elisa Kuusniemi, Helsinki University Library, Finland,  
Susanna Nykyri, Tampere University Library, Finland*

### Abstract

It would be beneficial for the research and researcher that the data would be recognised as a concrete research output, which also meritates its contributors. Research libraries could take an important role in the process in which a data set will be curated and polished to a data publication.

Research libraries already provide support for research data management especially in the form of guides and training. If data support in research

organisations is focused solely in supporting data management, it leaves the possibilities and benefits of FAIR data and also the quality assurance of the research process halfway.

In this paper we analyse what is already commonly included in current research library service models, what is not, and what could be the extended role of the research libraries in data publishing. We see the library as a relevant, potential instance in taking and carrying the responsibility of the entirety, but in broad and well-formulated co-operation with other stakeholders.

As background we illustrate research data as academic publication type, which includes also the needed curation and peer-review process.

### **Data publishing service requires enhancing the skills of library staff**

The new kind of research data publishing service challenges e.g. current skills, service and business models. It also concretises the needed broad multiprofessional co-operation. Libraries are already competent in knowledge management and ensuring the long-term accessibility to information and developing open access models for publishing. However, enhancing skills in the area of data quality, documentation and metadata is needed to cover the most important aspects of research data curation, which challenges traditional librarianship.

### **We have already data publishing services**

The data publishing channels play a critical role in enabling FAIR principles. Many libraries provide a data repository or provide recommendations to use certain data repositories maintained by third parties (commercial or governmental). We consider the minimum level of supporting data publishing achieved, if a repository provides persistent identifiers and sufficient metadata for data discovery. Further needed, more advanced services are provided, when data is curated or peer reviewed during the submission process. Several libraries develop curation processes e.g. when they create criterias to select data sets for long-term preservation.

However, how often do we see this as data publishing? Do we see these services as data publishing services? It is also quite rare that a library is a publisher of a data journal.

## Conclusions

As a result we suggest concrete aims and possible service models for the research libraries as data publishers. The benefits and weaknesses of different solutions are illustrated, comparing institutional repository, long-term preservation and archiving data, as well as establishing data journals. Different kinds of solutions are mirrored also comparing the organisational vs. international (e.g. within EOSC) possibilities.



**Mari Elisa “Mek” Kuusniemi** is a Science Information Specialist at Helsinki University Library. At the moment, she works with long-term preservation of research data, a national roadmap for the education of data stewards and in an EOSC task force on data quality.

Link: <https://libereurope.eu/member/mari-elisa-kuusniemi/>



**Dr Susanna Nykyri** is Chief Specialist of Open Science and Publishing Manager of Tampere University Press at the Tampere University Library. She works closely with researchers and with other support services and upper OS management. She is a chair and/or member of several national and member of international expert groups related to OS. Her expertise covers strategic planning of OS and developing integrated services according to local, national and international aims and infrastructures. In addition, she acts as supervisor and visiting lecturer in information studies.

## Lightning talk:

### **About methodologies for user-centered design of research data services**

*Karin Cecilia Rydving, University of Bergen, Norway*

## Abstract:

In September 2020, the University of Bergen (UiB) adopted a policy for Open Science. The University of Bergen Library has been assigned responsibility for following up open access to research data, in collaboration



with the Research and Innovation Department and the IT Department. A cross-departmental working group has been set up with a mandate to plan and implement the following main themes based on the follow-up points in UiB's policy:

- Establishment of a joint service for guidance and training within making available and archiving research data at UiB.
- Tasks related to digital solutions for making research data available and archiving.

In order to approach the work with research data, the working group has received support from UiB's Service Development Project in collaboration with AFF, which is part of the Norwegian School of Management's research environment. The UiB Service Development Project has a user-friendly and exploratory approach to the tasks that are to be solved and will challenge working methods and practice and contribute to future-oriented and innovative services to ensure good support for the university's primary tasks.

The contribution presents methodologies from UiB Service Development that the working group has used and the experience of these. Furthermore, the contribution reflects on how the methodologies develop the library's competence and role at its own institution. Examples of methodologies are Start Smart and Google Design sprint.

Start Smart has been developed by researchers at the Norwegian School of Management and is a structured and time-limited method for starting up in teams and groups. During a facilitated workshop, the participants work actively to clarify ambitions and goals, competence and resources, roles and functions as well as the form of work for the group as a whole.

The working group for research data has also carried out a seminar and used elements from the Google Design Sprint. For example, insight interviews with researchers, developing personas, stakeholder analysis and Cover Story Vision. The sprint methodology's various roles as participants, experts, decision-makers facilitate the inclusion and anchoring of the process.

The working group's experience is that the methodologies create unity and enthusiasm both within the group and across UiB. The methods help to highlight and complement each other's expertise. The procedure strengthens user involvement and provides new insights. The methodologies also require the active participation of the participants in the various roles. The need for cooperation between different departments to develop good services within the institution is successfully highlighted.

The working group notes that the methodologies used have effectively managed to create consensus on a draft for an action plan for the next three years, that is linked to specific tasks with roles and responsibilities. We have established a user-centered focus and will continue on this way. The methodologies contribute to achieving good quality in a short time in the work with service development within Open Science.



**Karin Cecilia Rydving** is Section head for education- and research support at The University of Bergen Library. She is specially interested in development of digital infrastructures, research data services and collaboration within and outside the institution. She holds a Master in Library, Strategy and Leadership and a Master of Arts in Languages Education.

**Session 10:**

**Ongoing Open Access:**

**challenges and solutions**

Friday 8<sup>th</sup> July,  
09.00-10.30

**Chair:** Émilie Barthelet, Bourgogne Libraries Services, Dijon, France

## 10.1 Lessons Learned From University of Lausanne's 360-degree OA Strategy and Collaboration with ChronosHub

*Rocio Micaela Crespo Quesada, University of Lausanne,  
Ida Sofie Reher, ChronosHub, Denmark, Martin Jagerhorn,  
ChronosHub, Denmark*

### Abstract

Open Access is changing the research ecosystem as the ways for accessing, publishing, and managing research results are transforming. This gives rise to new challenges and encourages new questions, especially for researchers who must navigate through the rapidly evolving landscape.

Here, at the University of Lausanne (UNIL), we are met with these challenges on a daily basis. The administrative workload is heavy, and our researchers feel overwhelmed. What does a CC-BY license mean, is this a predatory journal, how can I pay for this article? As a highly research-intensive institution, committed to driving Open Science and Open Access, we concluded that we need an OA strategy that caters for all types of Open Access. A solution was much needed to ensure more seamless workflows for the researchers and ease the administrative processes. We also needed to do something about the enormous APC expenditure that came on top of our subscriptions.

As such, in 2021, we embarked on a collaborative journey with ChronosHub which is a platform that fully aligns with our 360-degree OA strategy. Together, we are working to establish a more effective management of UNIL's OA funds (Gold OA), automate the monitoring of our OA agreements (Gold & Hybrid OA), facilitate repository deposits (Green OA), and guide our researchers through their end-to-end author journey. We have already come a long way, and this presentation will share our learnings and identified best practices for the different strands of our OA strategy. It will also highlight the remaining challenges and suggestions for community actions.



**Martin Jagerhorn** has about 20 years of experience in business development and investments in tech companies that serve the research domain. As Head of Business Development at ChronosHub, Martin establishes new collaborations with institutions, publishers, funders, and technology partners to streamline Open Access management. He has co-founded and/or invested in companies like Avedas (exited to Thomson

Reuters in 2013), Zendy, Fluent, Morressier, and ChronosHub, and is involved as an advisor and consultant toward many universities, publishers, and funders, as well as national and international infrastructure initiatives, specifically on Open Access and Open Science.

## 10.2 E-lending in Europe: an intricated business

*Giuseppe Vitiello, EBLIDA, The Netherlands*

### **Abstract**

Why are there so many different models of e-lending in Europe? Is it possible to envisage a uniformity of practices and solutions in this disparate landscape? And what are the respective roles of public authorities and of public libraries in this field?

Despite the progressive development of the e-book offer, libraries still encounter many difficulties in implementing e-lending. Those difficulties are of a variable nature – legal, technical, and financial. For some expert librarians, e-lending is mainly considered under a legal perspective, where the recognition of the derogatory status of digital library transactions in relation to copyright laws legitimises open access practices through customary fair use.

A valuable approach, this methodology has nevertheless some limits: in the European copyright system judges do not have the same latitude in interpreting the law as in the Anglo-Saxon system, where the right of access to digital publications is based on fair use. On the other hand, the judgement of the Court of Justice of the European Union (in the case opposing the Dutch Library Association to the Leenrecht Foundation, case C-174/15) made an important step towards the development of e-lending in libraries. The CJEU ruled that library lending of e-books is analogue to the lending of printed books, under certain conditions.

Any legal reflection around e-lending should therefore revolve about two principles: on the one hand, the principle of free access to information which is essential for the functioning of libraries, and on the other hand the principle of appropriate remuneration to authors. This balance is what EBLIDA calls: sustainable copyright.

Merely legal considerations, however, are analytically limited and do not help find appropriate solutions to the problem raised in libraries. The insti-

tutional background and the economic environment surrounding e-lending include the number of transactions of e-books in libraries, the content of the policy of public powers, the nature of the e-book trade (e.g. the popularity of e-books among young people), the practices linked to e-book acquisitions in libraries and the quality of publishers-libraries interrelation. All these factors are determinant in the structure of an e-book economy.

This holistic approach – legal, economic, institutional – has often been neglected in professional library circles as well as in sectorial studies. The EBLIDA survey on e-lending in the context of the book economy, whose results will be known in Spring 2022, has the general objective to lay the foundation of a “sustainable copyright” in public libraries through the examination of three particular aspects:

- The dependence of the e-book library trade and library acquisitions on national economic factors, legal constraints and institutional requirements (number of users, percentage of publications available in a digital format, purchasing power of libraries, the role of intermediate layers negotiating with publishers on behalf of libraries).
- The role played by national public authorities in the choice of an e-lending model
- The potential strength of a networked system where the library demand is aggregated, with an active e-book cultural policy carried out by libraries.



**Giuseppe Vitiello** has been Director, EBLIDA since 2019. From 1989 to 2018 he served as Head of Unit, Programme Adviser and Expert in various international organisations: European Commission, Council of Europe, ISSN International Centre, EU-ISS and NATO Defence College. Earlier in his carrier, he acted as Head R&D, National Library in Florence and lectured at the Universities of Orléans and Toulouse.

He also held visiting positions at the Hochschule der Medien in Stuttgart and the University of Venice. With a master in Political Science -international relations, he has post-graduated diplomas in History (Paris, E.H.E.S.S.) and in Library Science (School of administration, Rome). He is the author of six books and more than one hundred articles in library & information science and history of culture.

### 10.3 Community-building in action: The Open Access Books Network

*Agata Malgorzata Morka, Lucy Barnes,  
Tom Mosterd, SPARC Europe, Netherlands*

#### **Abstract**

This talk will focus on the Open Access Books Network, an international community that brings together researchers, publishers, librarians, and anyone else interested in open access books. Launched in September 2020 and coordinated by representatives of DOAB/OAPEN, OPERAS, SPARC Europe, and ScholarLed, the OABN has quickly grown to include over 300 members. We stage talks and workshops, share knowledge and best practices, and bust myths about open access books—and all this during a global pandemic, when community exchange has been challenged as never before and the vulnerabilities of closed systems of knowledge-sharing have been starkly exposed.

This paper will present an overview of the activities of the OABN, sharing the techniques we used to create a strong and enthusiastic community built around the idea of openness, and the strategies with which we have aimed to narrow the gap between researchers and the OA books community at large. As well as fostering a thriving digital hub on Humanities Commons and an extended community on social media, we have organised opportunities to share and learn from each others' experiences using digital events, workshops, and video resources, including:

- 1) the OA Books Workout series where researchers share their creative open book publishing stories in live, recorded, and written formats
- 2) a mythbusting resource where experts address common myths and challenges related to open access publishing frequently faced by researchers

- 3) talks from scholar-publishers, such as Jeff Pooley of media-studies.press and from the team at COPIM, who are building infrastructure to support small-scale, academic-led OA publishing
- 4) and our most significant series so far Voices from the OA Books Community, which gathered 476 registrants in total to explore different aspects of policy for OA books. We heard from researchers, publishers, funders, OA policymakers, librarians, and infrastructure providers from all over the world to discuss the strengths and weaknesses of different policy outcomes for OA books from a broad range of perspectives. SPARC Europe synthesised these discussions and we took the results to cOAlition S, who have subsequently recognised the OABN as “an open forum for community input during the implementation process” of their recommendations for OA books. This series proved that the research community can come together to help shape the future of OA books, and that a community like the OABN can be a powerful way to make that happen.

The OABN brings together the OA books community at large, including researchers in their respective roles as book authors, publishers or simply OA enthusiasts.

By sharing the growth of the Open Access Books Network from an idea discussed between colleagues to a thriving community-based network, we hope to inspire others at LIBER to develop similar Communities of Practice that bring researchers together in groups related to their own interests and ambitions for the future of scholarly communication.



**Tom Mosterd** is Community Manager at the Directory of Open Access Books (DOAB) and OAPEN. There, he is responsible for engaging its stakeholders around its open access book infrastructure services. His primary focus is on working with its growing library community on further improving and developing OAPEN and its services, connecting these with the needs of the library community. Furthermore, Tom is one of three coordinators contributing to the Open Access Books Network (OABN): a space for passionate conversations about OA books established in 2020.

## Lightning talk:

### **Have we got an electronic leg to stand on? Highly specialized research libraries and their electronic offerings post-Covid**

*Juergen Warmbrunn, Herder Institute for Historical Research  
on East Central Europe, Germany*

#### **Abstract**

The paper will highlight a challenge that highly specialized research libraries especially in the humanities in Germany have encountered for some time but which has become more pronounced and more potentially threatening during the Covid crisis: The difficulty of providing access to electronic publications (both e-journals and e-books) on a comparable level to the large university libraries but without similar financial and personnel resources. While researchers in the humanities have long seemed to be satisfied with having access to traditional printed library holdings if the libraries were well-equipped and could also easily provide missing materials through interlibrary loan or document delivery the Covid crisis with its partial or total closure of on-site library facilities has shown that access to electronic materials is needed to complement the offerings of even such very research-friendly libraries often valued especially for their relative seclusion and the opportunity for undisturbed academic work they offer.

This has in turn led to demands for increasing the electronic offerings of such libraries. When trying to fulfill these demands, however, librarians often encounter multiple difficulties: Specialized research libraries which do not belong to university library systems often cannot participate in local or regional consortia and even when their partner libraries would be willing to provide them with access to their electronic resources the existing licenses either do not allow this at all or would lead to often extra-proportional price increases that cannot be shouldered by the smaller special libraries. To complicate matters even more most of the packages of electronic publications on offer are too general for highly specialized libraries in the humanities meaning that they would acquire too much bycatch when subscribing to such packages. After shortly summarizing this problematic situation the paper will discuss some possibilities of coping with this challenge and discussing in which way traditional humanistic research libraries could acquire one or more “electronic legs to stand on” without losing the qualities and advantages for in-depth research that they as more traditional libraries offer.





**Dr. Jürgen Warmbrunn**

- 1983-1992** studied Slavic philology, East European history, English philology and Finnish at Münster, Prague and Helsinki Universities
- 1992** doctoral dissertation on “English loan-words in the contemporary Czech language” (“summa cum laude”)
- 1993-1995** post-graduate studies of librarianship at Konstanz University Library and Cologne University of Applied Science
- 1995-1999** subject specialist and head of acquisition at the University Library of the Viadrina European University at Frankfurt/oder
- since 1999** library director at the Herder-Institut Marburg
- since 2006** deputy-director of the Herder-Institut Marburg
- since 2005** Chair of the German Association of Libraries and Information Units on East, East Central and South East European Research (ABDOS)
- 2006-2012** Chair of the German Special Libraries Association (ASpB)
- since 2009** Secretary of the Bibliotheca Baltica International Working Group
- since 2012** Honorary Member of the German Special Libraries Association (ASpB)

**Member of the**

Johann Gottfried Herder Research Council (learned society)

Akademie Mitteleuropa e.V.

German Association of Librarians

**Publications in the field of**

East European history, history of the Baltic countries,

library and information studies, Slavic

linguistics, Slavic literary studies

Volunteer work as simultaneous interpreter

(IFLA World Library and Information Congress, since 1999)

and literary and non-fiction translator



**Session 11:**

**Research assessment,**

**production &**

**systemic reviews;**

**a role for research libraries**

Friday 8<sup>th</sup> July,  
09.00-10.30

**Chair:** Bertil Dorch, University Library of Southern Denmark, Denmark

## 11.1 How research libraries can contribute to reform the research evaluation system

*Maxence Larrieu, Université Paris Cité, France*

### **Abstract**

The intersection between open science and research assessment is not the easiest to clarify. Because it concerns at once national research policies, international rankings, bibliometric tools, for profit organisations, research institutions and management, it can be difficult to get involved in this topic. On the other hand, the open science community is aware of the need to change the research assessment. As Bernard Rentier [1] used to say in his lectures: ‘we can talk for hours about open science but as long as we did not change the research assessment system, nothing will happen’.

Since the end of 2021 important signals regarding an evolution, or even a reform, of the research assessment system have appeared. For example the european fundraising appeal ‘Services and tools to underpin a research assessment system that incentivises open science practices’ [2] and the creation of a coalition committed to reforming the research assessment system [3]. Furthermore, at a more technical level, the limits of traditional tools (Wos & Scopus) have never been more apparent, and new tools, led by the open science community like Open Alex [4], are arriving.

This paper comes from a training on bibliometrics and open science given to PhD Students and librarians. At the end of the session, fellow participants wondered ‘what can we, as research librarians, do to help to reform the research assessment system?’. The purpose of this paper is to begin to answer this critical question in three parts.

The first concerns bibliometrics, that is the statistics that are produced to account for the scientific production of a research institution. The goal is to be collectively aware of the limitations of traditional tools, which have been used for decades in bibliometrics. I will draw a criticism of Wos and Scopus mainly with the term exhaustivity and objectivity, and also with an approach based on cost and services. Finally I will describe some aspects of the new Open Alex tool related to research assessment and open science. The second part will be devoted to the DORA declaration [5], I will emphasize recommendations that can be disseminated by research libraries. To stay focused on practical aspects, the last part will

give examples. I will explain the steps taken by two universities to facilitate open access practices. The first has released an “open access bonus” for the laboratories, and the later has made its institutional repository the sole source of its evaluation system.



**Maxence Larrieu** has a PhD in computer music. His research focuses on the use of computer code in musicological practices. He has been working on Open Science since 2015 in French universities. He began worked on bibliometrics and open access repository at Université Gustave Eiffel. He is currently working at the University of Paris as project manager of a diamond open access book and journal publishing platform. He provides training about open science and bibliometrics to PhD students and research librarians, explaining how the former is changing the latter. He is a member of the French Committee for Open Science.

All his activities are listed on his website: [maxence.larri.eu](http://maxence.larri.eu)

## 11.2 The Role of Academic Libraries in Scientific Production Evaluation – the Experience of University of Zagreb, Croatia

*Branka Marijanović, University of Zagreb Faculty of Electrical Engineering and Computing, Croatia, Višnja Novosel, Faculty of Humanities and Social Sciences, University of Zagreb, Croatia, Tatijana Petrić, Central Office for Coordinating Libraries of University of Zagreb, Croatia, Zrinka Udiljak Bugarinovski, Faculty of Economics & Business, University of Zagreb, Croatia*

### Abstract

Since internationally visible scientific productivity is a criterion for the state evaluation of Croatian academic and scientific institutions and their scientists, Croatian academic libraries have a key role to play in the quantitative evaluation of scientific productivity using modern methods such as bibliometrics, scientometrics and the like.

In this paper we present the services used in the quantitative assessment of academic productivity in the academic libraries of the University of Zagreb. Consisting of 31 faculties and 3 art academies, the University of Zagreb is the largest university in Croatia. With its tradition since 1669, it is one of the oldest universities in Europe.



The theoretical framework of the paper is based on four areas defined by Christine L. Borgman – the characteristics of the scientific community, the development of that community, the evaluation of scientific ideas and the dissemination of scientific ideas.

The research will use a qualitative methodology that will examine the current situation at the University of Zagreb, the possibility of further developing this type of library service and the necessary knowledge that librarians in academic libraries should have. The research will analyse important national documents that define the assessment system at the University of Zagreb and the current state of such services in the libraries (such as the Ordinance on Scientific Promotion and Advancement Requirements Scientific Titles, draft Standards for Higher Education Libraries in The Republic of Croatia, the Quality Assurance Strategy of the University of Zagreb). The research will use the method of content analysis of these acts and library study programmes, the survey method, and the interview method. The survey method and the interview method will be used to determine the number of libraries at the University of Zagreb that offer services for quantitative evaluation of scientific productivity. It also aims to determine how the libraries are organised in terms of scientific productivity evaluation and what competences the librarians need for this type of service. The sample consists of 39 academic libraries operating at 31 faculties and 3 academies of the University of Zagreb.

The aim of the study is to identify and illustrate the current situation in Croatia and provide recommendations for further development of scientific production evaluation, which could serve as a framework for the systematic introduction of this type of service in all libraries of the University of Zagreb, and wider. In addition, the identification of the required competences of librarians can provide guidelines for further improvement of lifelong education of librarians as well as recommendations for library study programmes in Croatia. The recommendations may also be potentially applicable to the international community of academic librarians.



**Tatijana Petrić** graduated from the Faculty of Philosophy in Zadar with a degree in Philosophy and Sociology, and received her PhD in Information and Communication Sciences from the Faculty of Philosophy in Zagreb. She worked at the Faculty of Philosophy in Zadar in the higher education library, after that in the Scientific Library of Zadar. She was the director general of the National and University Library in Zagreb, and she is now the head of the Central Office for Library Coordination at the University of Zagreb. She has published a total of twenty scientific and professional papers and participated as an exhibitor at six international and twelve domestic scientific and professional conferences. T. Petrić's interest is based on pointing out the importance of the application of information technologies in the field of librarianship as well as their upgrading, business with serial publications, but also consideration of the theoretical level of bibliographic organization of material. The analysis of papers and presentations published by T. Petrić clearly shows a constant in monitoring changes in the information sciences, from automation to the needs of 21st century libraries.



**Branka Marijanović** was born in Zagreb, where she completed primary and secondary school. In 2005, she graduated from the University of Zagreb with the title of Professor of Sociology and Professor of Croatian Culture. In December 2006, she graduated in English and Library and Information Science. From 2007 to 2018 she worked as a librarian at the Central Library of the Faculty of Electrical Engineering and Computing University of Zagreb, and since 2018 as the Head of the Central Library. Since 2015, she has been involved in the editorial board of the Journal of Computing and Information Technology, focusing her interests on the field of electronic publishing and new trends in the publishing industry. In 2016, she was awarded the title of Senior Librarian. She is currently a PhD candidate in Information and Communication Sciences at the Faculty of Humanities and Social Sciences, University of Zagreb.



### 11.3 Faking It 'Til We Make It: Libraries Supporting Researchers in Systematic and Scoping Reviews

*Anna Marie Johnson, Alyssa Denneler, Amy Minix,  
Indiana University, United States of America*

#### **Abstract**

Medical and health sciences librarians have been participating in supporting their communities of researchers with systematic reviews for over two decades (Boynton, 1998; McKibbin, 1998). Now systematic and related types of literature reviews which attempt to analyze the literature on a particular research question in a repeatable and transparent way are gaining momentum and popularity in other science and social sciences fields. Researchers are using them to ascertain the best and most effective interventions across fields such as public health, biology, education, social work, and political science. In many ways, this type of research is exactly what libraries have been waiting for and it often makes excellent use of library resources; however, supporting this work can also require significant library personnel time, a high level of database searching skills, depth of subject knowledge, and skills with specialized software. The process or the review type itself is sometimes prone to being deeply misunderstood by the researchers most wanting to undertake them. Are academic librarians prepared to provide the necessary and intensive assistance with this type of research? What does this assistance look like and what kinds of professional development is needed?

This session will provide an overview of the current state of systematic and scoping review support among academic libraries in the United States. It will also present the case study of the efforts of a small group of librarians attempting to build their own support community in a large research institution. This case study will examine how librarians can scale this type of research support and offer assistance even when they don't feel entirely comfortable or equipped to do so.



**Anna Marie Johnson** is the Head of the Scholars' Commons at Indiana University, Bloomington, a position she has held since 2019. Previously, she was at the University of Louisville (UofL) for 24 years where she most recently was the Head of the Research Assistance and Instruction department. Other positions she held at UofL included Interim Library Director of the Ekstrom Library, Interim Head of Reference, and Coordinator for Library Instruction.

Her research interests have included a diverse array of topics including information literacy, scholarly communication, and most recently research on the future of reference published in *Journal of Library Administration and Reference and User Services Quarterly* which came out of her 2017 sabbatical research project.



**Alyssa Denneler:** As Scholars' Commons Librarian at Indiana University Bloomington, USA, Alyssa works to build community and support the research of graduate students, postdoctoral researchers, and faculty. To do this, she routinely teaches citation management, literature review, and multidisciplinary introductory research skills. She is also part of a faculty learning community focused on completing a scoping systematic review.



**Amy Minix** is the Neuro-Health Sciences Librarian at Indiana University Bloomington, IN USA. In this role, she serves as the liaison to the following schools and departments: nursing, optometry, psychological & brain sciences, and speech, language, & hearing sciences. Amy has worked with colleagues within clinical and health sciences, as well as librarians, to consult and provide support for various literature reviews.

**Session 12:**

**Paving the way:**

**Digital Access**

**& Preservation**

Friday 8<sup>th</sup> July,  
09.00-10.30

**Chair:** Martin Moyle, UCL Library Services, United Kingdom

## 12.1 The nestor Digital Preservation Community Survey: What does the landscape for digital preservation communities look like?

*Monika Zarnitz, ZBW - Leibniz Information Center  
for Economics, Germany*

### **Abstract**

Due to the complexity of the task, networks and projects have been playing a central role in preservation ever since it began in the 1990s. Only by bringing together the expertise and experience of various institutions and players is it possible to cover all facets of the complex issues surrounding the long-term preservation of digital resources. The landscape of digital preservation communities can be described based on the networks' location – regional, national or international – as well as based on the digital preservation topics a network covers. While some networks, such as nestor, the German Competence Network for Digital Preservation or the Digital Preservation Coalition (dpc) cover a wide range of subjects, others, like the Open Preservation Foundation (OPF) target a specific challenge within digital preservation. A third network category is that of distinct service-providing networks, such as the former Digital Preservation Network (DPN), which functioned as a broker between members' storage nodes.

While there have been many surveys looking at different digital preservation processes, there had not yet been an exhaustive survey which specifically addressed networks in digital preservation. In 2019, an ad hoc working group was formed within nestor to address the topic and close this gap.

After the questionnaire had been developed, the survey ran from September 2019 until May 2020. The results were analysed between May 2020 and July 2021. The analytical work also included the generation of so-called “community profiles”, which were sent to all the participating institutions for their approval. The community profiles provide an unprecedented global overview of networks in the field of long-term archiving – irrespective of their size and area of focus. These profiles, which can be viewed on the nestor website, make up a registry which will serve the purpose of transparency and facilitate the exploitation of synergies worldwide.

In this presentation we will present first results of the analysis of the data we collected and we will showcase the publication of the edited data and

the community profiles. We plan to repeat the survey systematically and will assimilate the lessons learned in order to improve the process iterative. The extensive participation in and the response to the first nestor community survey has shown us how important this topic is.



**Dr. Monika Zarnitz** is head of the department „User services and collection care“ of the ZBW. She studied economics in Mannheim and Cologne and has a PhD from University Hamburg. Since then she has been working in the ZBW.

## 12.2 Long-term digital preservation of research data as a community-specific project

*Katharina Markus, ZB MED - Information Centre for Life Sciences, Germany*

### Abstract

The increasing amount of published research data, may it be in community-specific repositories or in general repositories, highlights challenges of data preservation. Since research data in particular is not limited to one or two popular publishing formats, format diversity and subsequently obsolescence is a significant risk to the reusability of research data over the long-term. A second challenge is intellectual reusability of data for future generations, which depends on preservation of sufficient metadata and context information.

A pilot project of ZB MED – Information Centre for Life Sciences and Leibniz Centre for Agricultural Landscape Research (ZALF) investigates digital preservation of research data which is published in the BonaRes data repository. In this project, a workflow spanning the two institutions ZALF and ZB MED is tested for preserving data from the repository in the archive. BonaRes is a repository for data of soil measurement, which

is maintained by ZALF and uses established data handling guidelines. It follows open science best practices, like data curation and providing DOIs to make published data citable.

ZB MED runs a digital archive with the aim of not only preserving objects at the technical bitstream level, but also beyond. Further preservation measures aim at preserving access to file content (content level) by migrating files to current formats as needed, as well as intellectual reusability of content (semantic level) by preserving meta data. The archival system itself is part of a cooperation with two other national subject libraries, ZBW – Leibniz Information Centre for Economics and TIB Leibniz Information Centre for Science and Technology, where TIB provides hosting and administration of the system.

In the pilot project, the transfer of data into the archive is the main focus. Additionally, a second part of the workflow contains data transport the reverse way, from the archive to the repository, in case content is no longer available the regular way. This presentation will introduce the project and concepts developed as part of the workflow. Among those is the definition of the designated community as well as evaluation and selection of data and metadata of the repository for digital preservation together with the project partners of ZALF. Preservation methods were determined and specifically the issue of format diversity is addressed in multiple ways. File formats and format types suitable for preservation were defined and contact with data submitting researchers has been established via a workshop conducted by ZALF and ZB MED. The aim of the workshop was enabling researchers to recognize formats suitable for preservation.

The close cooperation of the information centre ZB MED (infrastructure partner) with research centre ZALF (research partner), as well as contact with submitting researchers provides the basis of a user-oriented service.



**Dr. Katharina Markus, ZB MED – Information Centre for Life Sciences.** Katharina studied Biology at University of Bonn, Germany, specialized on plant sciences for her Masters and did her PhD in molecular biology of plants. Afterwards she did a two-year training as a librarian with a practical year at Stuttgart University Library and a theoretical year at Bavarian State Library. Since 2020 she is head of the department Digital Preservation at ZB MED – Information Centre for Life Sciences.

### **12.3 Works unavailable on the market: Czech experience of the digital content availability via the internet in the “Covid times”**

*Tomas Foltyn, Vit Richter, National Library of the Czech Republic, Czech Republic*

#### **Abstract**

Czech libraries have been digitizing historical and modern library collections since the mid-1990s. Approximately 4 million pages are digitized every single year. In 2017 the amendment to the Copyright Act of Czech Republic was approved that allowed the National Library of the Czech Republic to conclude license agreements valid for all Czech libraries to publish so called works unavailable on the market on the internet. Subsequently in 2019, a five-year license agreement was concluded to guarantee free access to the books published in the Czech Republic by the end of 2007 and periodicals published by 2010. The payment of for this access licenses is paid from the state budget through the National Library of the Czech Republic, which allows to use these services to all libraries and their registered users to read the displayed documents.

During the COVID pandemic situation, when libraries and bookstores were closed, even the full opening of the digital libraries was agreed including the latest publications. The service was freely available to the university students, teachers and researchers. Publishers received adequate financial compensation from the state budget to support such an important service. This paper is aimed to introduce the experience with all the process aspects, especially contractual security and the negotiations with collective copyright holders and publishers. The technical solutions is running on the basis of the Kramerius system, which is developed in the close cooperation of the Library of the Academy of Sciences of the Czech Republic, the National Library of the Czech Republic and the Moravian Regional Library.



**Mgr. Tomas Foltyn** is the graduate of the Faculty of Arts of the University of Pardubice, where he completed his master studies in the field of cultural history in 2008. From 2007 he worked in the Digitization Department of the National Library of Czech Republic, first as Project Manager, then as the Head of the Metadata Creation and Management Department. From February 2012 he held the position of the Head of the Strategic Planning Department for the Digitization of Library Collections. In January 2013, he was appointed as Collections' Management Division Director. On May 1, 2021, he became the General Director of the National Library of the Czech Republic.

Mgr. Tomas Foltyn is involved in various national and international research projects, is an expert guarantor of the VISK 7 Funding Mechanism, the regular member of the Central Library Council of the Czech Republic, regular board member of the IFLA Digital Humanities/Digital Scholarship Special Interest Group a finally also the member of the CASLIN international conference program committee. From the professional perspective, he is interested especially in the area of the effective collections' management and long-term preservation of the modern collections including the digital content. During last years, he started to be involved also in various activities connected with digital humanities.

More detailed information about his professional life is available via his LinkedIn professional profile:  
<https://www.linkedin.com/in/tomasfoltyn-a3564226/>.

### **Lightning talk:**

#### **Filter, Curate, Open!**

#### **– Customising e-library services at a special library**

*Petri Kaihoja, Tytti Rajahonka,  
Finnish Literature Society, Finland*

### **Abstract**

Commonly available e-library solutions are often designed with an eye to multidisciplinary libraries with a large institutional customer base. A more specialised library may find it difficult to adapt full-text packages, supplier services and library software to local needs. In this presentation, we describe our efforts of adapting industry products to a special library environment.



The Library of the Finnish Literature Society (SKS) is a special library in the fields of cultural studies and Finnish literature. Although primarily designed to meet cross-cultural researchers' and literary scholars' information needs, the SKS Library essentially offers services to anyone interested in the related subjects. After more than 190 years of consistent development, the collections now cover a great depth of scholarly material.

Instead of investing in wide-ranging full-text packages, the SKS Library, to a large extent, sticks to selecting e-materials on a title by title basis, relying on detailed criteria and regular discussions between selectors. In the special library profession, a subject librarian's capability to track current research and discover valuable information resources is part of the core competencies.

Most of the SKS Library's efforts to deliver information to researchers come down to selecting, filtering and curating. With our content expertise and the help of technology, we filter out vast amounts of information. At the same time, we curate content, increasing visibility and accessibility.

In this respect, the continued development of SKS Finna proved to be crucial. Within the technical frame of this organisation-specific interface, customised on a national open-source platform, the Library has an opportunity to filter and curate, whether it is about separating sets of holdings from a union catalogue or about building discipline-appropriate filters into a central index of harvested metadata, or about current-awareness services.

To a special library with a relatively small number of authorised users with off-site access to e-resources, removing barriers is of great importance. With a growing emphasis on open access, we strive to streamline the use of resources across and beyond institutional boundaries.

Within the SKS Library's search entity in Finna, there is a centralised index of open-access directories and repositories. However, subject description within harvested metadata is often fragmented and uneven and is therefore insufficient for the needs of a special library. Due to this, we have preferred to process open-access publications like any items acquired and integrate them into the local catalogue.

A smooth search experience is achieved not only by pre-configured filtering but also by uniform subject cataloguing. Locally produced, unified metadata gives us opportunities for highlighting the growing body of open-access literature. This is particularly important for publications in Finnish because those tend to be ignored by global metadata suppliers, presumably due to a language barrier.

Our principal aim is, regardless of access rights and media, to ensure retrieval coverage and give users a range of browsing options. In a special library like ours, service customisation and content expertise are prerequisites for achieving this.



**Petri Kaihoja**, MA, works as an Information Specialist at the Library of the Finnish Literature Society (SKS). His work focuses on collection development, electronic resource management, subject-specific information service and information literacy instruction. He shares responsibility for developing the SKS Library Search Service, built to facilitate access to information resources in the fields of cultural studies and Finnish literature.



**Tytti Rajahonka**, MA, works as an Information Specialist at the Library of the Finnish Literature Society (SKS). Her work includes subject-specific information service and collection development in the field of literary research. She is involved in developing the SKS Library Search Service and e-collections. She also communicates the library's services to customers and other stakeholders.

# Keynote Speaker

Friday 8<sup>th</sup> July, 11:00 AM – 11:45 AM

**Chair:** Thomas Kaarsted, University Library  
of Southern Denmark, Denmark

**Keynote Speaker:** Darlene Cavalier,  
Arizona State University's School for the Future  
of Innovation in Society, United States

## ABSTRACT

The increasing demand for science literacy is well established and efforts are underway to position libraries as community anchors, empowering them to promote civic engagement and economic vitality by encouraging patrons to take an active role in finding solutions, alongside scientists, to science-based community issues.

Citizen science enables people of all ages, cultures, and skills to engage in real scientific research by collecting or analyzing data that is typically shared with professional scientists, while provenly increasing public understanding of science. Engaged citizens will help solve the most critical problems of our time and libraries are crucial conduits to reaching people from all walks of life.

This talk will describe a series of efforts in the United States which aim to strengthen:

the position of libraries as community beacons of citizen science and civic engagement by providing support, training, and resources that leverage public libraries' desire for meaningful,

turnkey, customizable, innovative, and locally situated STEM programming; the public's growing interest in learning about and participating in local citizen science and civic engagement opportunities and their needs for short-term access to related low-cost instruments and resources; the scientists' need to recruit, train, equip, and sustain citizen scientists; and SciStarter as an established online, prominent, public resource to support libraries as they bring these communities together.

Cavalier will share links to open-source, reusable resources and professional development opportunities developed through this project including guides to build, circulate, and promote a variety of citizen science kits, host related programs, and connect with community-based organizations to leverage the libraries as community hubs for citizen science.



**Darlene Cavalier** is a professor of practice at Arizona State University's School for the Future of Innovation in Society and a Senior Global Futures Scientist, Julie Ann Wrigley Global Futures Laboratory at ASU. Professor Cavalier is the founder of SciStarter (a popular citizen science portal and research platform connecting millions of people to real science they can do), founder of Science Cheerleaders (a non-profit organization comprised of current and former NFL, NBA and college cheerleaders pursuing STEM careers), cofounder of ECAST: Expert and Citizen Assessment of Science and Technology and cofounder of ScienceNearMe.org. She is a founding board member of the Citizen Science Association, an advisor and Fellow at National Geographic, a member of the EPA's National Advisory Council for Environmental Policy and Technology, appointed to the National Academy of Sciences "Designing Citizen Science to Support Science Learning" committee and named cochair of America 250's Innovation, Science, and Entrepreneurism Advisory Council. She is the co-editor of "The Rightful Place of Science: Citizen Science," author of "The Science of Cheerleading," and co-author of the Field Guide to Citizen Science (Timber Press). She resides in Philadelphia, PA.

# Sponsor Strategy Update

Friday 8<sup>th</sup> July, 12:00 – 12:30 PM

**Chair:** Heli Kautonen, Suomalaisen Kirjallisuuden Seura  
– Finnish Literature Society, Finland

## **EBSCO: Perspectives on Open Source in Libraries**

### **Abstract**

A 2021 European Commission study investigating the economic impact of open source on the EU economy identified “open source as a public good” and points to a new era in which “digital businesses are built using open-source assets.” Libraries, of course, have a history of driving open-source projects to deliver to key needs or innovate in areas where legacy solutions had come to a standstill.

From solutions for institutional deposits to data crosswalks or analytics, open-source software delivers important business value to libraries. At the same time, challenges remain. How do libraries globally take advantage of open-source software if infrastructure remains closed?

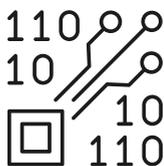
What are potential models to ensure open-source software is sustainable and available to all? And how can libraries learn about and take advantage of open-source software for their institutions? The presenters will discuss EBSCO’s open-source initiatives and ways in which vendors and libraries may collaborate to bring open-source software to the library community at large.



**Christopher Spalding** is Vice President of Product Management at EBSCO. With a background focused on research libraries, product management and product implementation, his key interest since joining EBSCO in 2015 has been OPEN: Open-source communities, open infrastructure, open science, open data, and open access publishing. He is a graduate of Boston University and holds a master's from the University of Sheffield in the UK.



**Tamir Borensztajn** has served as EBSCO's Vice President of Software-as-a-Service (SaaS) Strategy since 2014. In this role, Tamir helps inform and present EBSCO's software strategy while working with libraries worldwide to understand their systems and software needs. Prior to joining EBSCO, Tamir served as Executive Director, Public Sector Innovation EMEA at Infor. He is a graduate of Hebrew University of Jerusalem and holds a master's degree in Library Science from Simmons University in Boston.





# INVITATION TO THE LIBER 52<sup>ND</sup> ANNUAL CONFERENCE BUDAPEST 2023

2023 MARKS THE FIRST TIME THAT THE  
LIBER CONFERENCE WILL BE HELD IN HUNGARY.

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Budapest is situated in the heart of Central Europe, easily and quickly accessible by road, rail and air from almost each major European city. The rich history, unparalleled architectural and cultural heritage make the city an attractive destination for tourists.

## THE VENUE

The **LIBER Conference 2023** will be held in the beautiful city-centre, at the Hungarian Academy of Sciences.

### **The Hungarian Academy of Sciences**

The Hungarian Academy of Sciences (MTA) is the oldest and greatest institution of Hungarian science. Founded by Count István Széchenyi, who on 3 November, 1825, during the Pozsony National Assembly bestowed a year's income of his estates towards the formation of a learned society. The Main Halls of the MTA, as designed by Prussian architect Friedrich August Schüller, were ceremoniously opened on 11 December, 1865.

### **The Library and Information Centre of the Hungarian Academy of Sciences**

The Library of the Hungarian Academy of Sciences was established by historian **Count József Teleki**, the first President of the Academy, who offered his 30,000 volume library to the Academy in 1826.

## THE HOST

Since its foundation, the Library of the Hungarian Academy of Sciences has dedicated itself to supporting scientific and scholarly research and safeguarding its precious collections for generations to come. Preserving its traditional values and relying on state-of-the-art information technology it serves the public by making its holdings accessible to an ever-expanding circle of users.

The institution is a national research library, beside the core collection it also holds unique special collections; Oriental Collection, Department of Manuscripts, Old and Rare Books and the Archives of the Academy. In addition, the library has two national tasks, the Electronic Information Services, organising national licence agreements for the electronic resources, and the Hungarian National Scientific Bibliography.

# LIBER Annual Conference Fund

At LIBER's Annual General Assembly in 2005, members decided that a small premium should be added to the Annual Conference registration fee in order to permit grants to be made to assist member libraries in selected European countries to send representatives to attend LIBER Annual Conferences. The LIBER Annual Conference Fund supports participants from specific European countries each year on the basis of need and taking into account the location of the Annual Conference. The countries are agreed by the LIBER Executive Board annually at its October meeting, and decisions on applications to the Fund are made by the Conference Programme Committee.

The countries selected by the Executive Board for 2022 were:

**Albania, Armenia, Bosnia and Herzegovina, Bulgaria, Croatia, Georgia, Greece, Kosovo, North Macedonia, Moldova, Montenegro, Portugal, Romania, Serbia, Turkey, Ukraine.**

The Conference Programme Committee for the 51st LIBER Annual Conference has decided to make awards from the LIBER Annual Conference Fund to the following applicants:

**Mert Kaya**, Özyeğin University Istanbul, Turkey. **Nicoleta-Roxana Dinu**, National Library of Romania, Romania. **Štefica Dodig**, School of Medicine University of Mostar, Bosnia and Herzegovina. **Despoina Gkogkou**, Library and Information Center, University of Patras, Greece. **Athanasia Salamoura**, Library and Information Center, University of Patras, Greece. **Ismet Ovčina**, National and University Library of Bosnia and Herzegovina, Bosnia and Herzegovina. **Vlatka Božičević**, University of Zagreb, Catholic Faculty of Theology, Croatia. **Iro (Argyroula) Tzormpatzaki**, University of Macedonia/Vice President of Greek Library Association, Greece. **Yeznik Mirzoyan**, Sarkis and Marie Izmirlian Library, Yerevan State University, Armenia. **Branka Marijanović**, FER Central Library, University of Zagreb, Croatia

We warmly congratulate Fund recipients and look forward to meeting them at the Annual Conference in Odense this summer!

# LIBER Award for Library Innovation

The LIBER Award for Library Innovation was instituted by LIBER and is supported by OCLC.

OCLC's commitment to knowledge, education and public service includes furthering the advancement of librarianship. OCLC does this not only through its research and advocacy efforts but also by financially supporting awards and scholarships. As an innovative cooperative we are proud to sponsor the LIBER Innovation Award for 2022.

The Innovation Award recognizes the three abstracts which best describe innovative work within the overall theme of the Annual Conference 'Research Libraries for Society'.

**The criteria (in order of importance) for the Award are:**

- Level of innovation
- Impact on the wider library community (especially the European library community)
- Originality
- Quality of the abstract

The three abstracts which best fulfill these criteria are selected by the Conference Programme Committee. The Award comprises the opportunity to present the winning paper at the 2022 LIBER Annual Conference in Odense, free Conference registration, and travel expenses and accommodation<sup>1</sup>.

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<sup>1</sup>The value of each Award is €1,000, including the Conference registration fee.

The Conference Programme Committee for the 51<sup>st</sup> LIBER Annual Conference has decided to present the 2022 LIBER Award for Library Innovation to:

- **Supporting Sámi languages in digital services,**  
Riitta Koikkalainen, Niko Partanen,  
National Library of Finland, Finland
- **Open science and communities of researchers:  
the big gap in training. A case study at Sorbonne University,**  
Pascale Pauplin, Sorbonne University, France
- **Data as a new research publication type: What could be  
the role of research libraries as service providers?**  
Mari Elisa Kuusniemi, Helsinki University Library, Finland,  
Susanna Nykyri, Tampere University Library, Finland

We congratulate the Award winners and look forward to presenting them with their Awards at the Annual Conference in Odense this summer!

**Julien Roche**

*Chair, LIBER Conference Programme Committee*



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BRILL

## Brill at the 51<sup>st</sup> LIBER Annual Conference in Odense, Denmark

We look forward to seeing you in person this year at the LIBER Annual Conference in Odense, and invite you to visit our Booth to meet up with the Brill Team.

Please contact [eva.wantzen@brill.com](mailto:eva.wantzen@brill.com) or [sales@brill.com](mailto:sales@brill.com) to schedule in a meeting.

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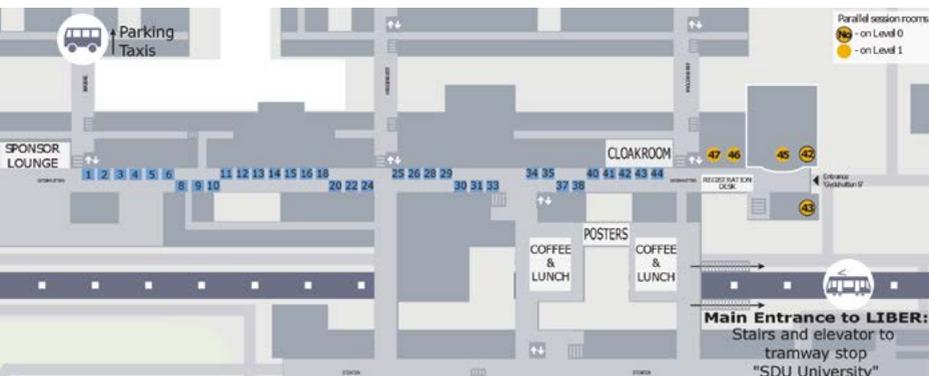
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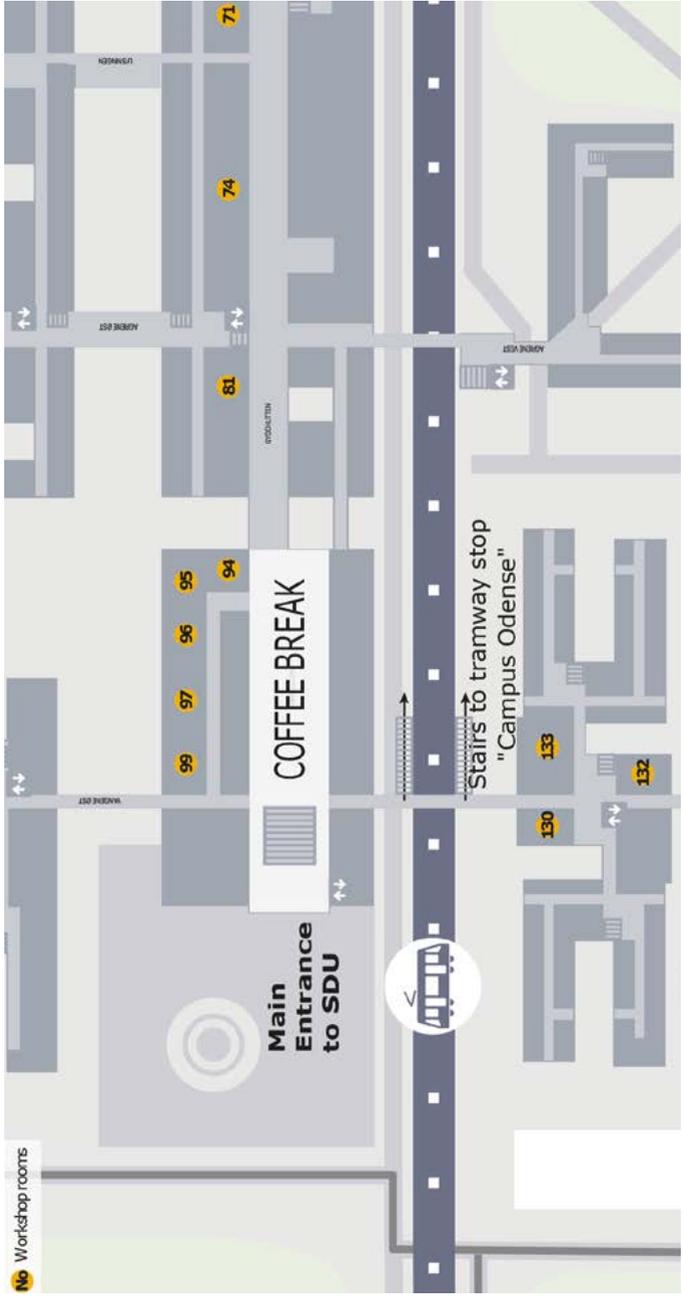
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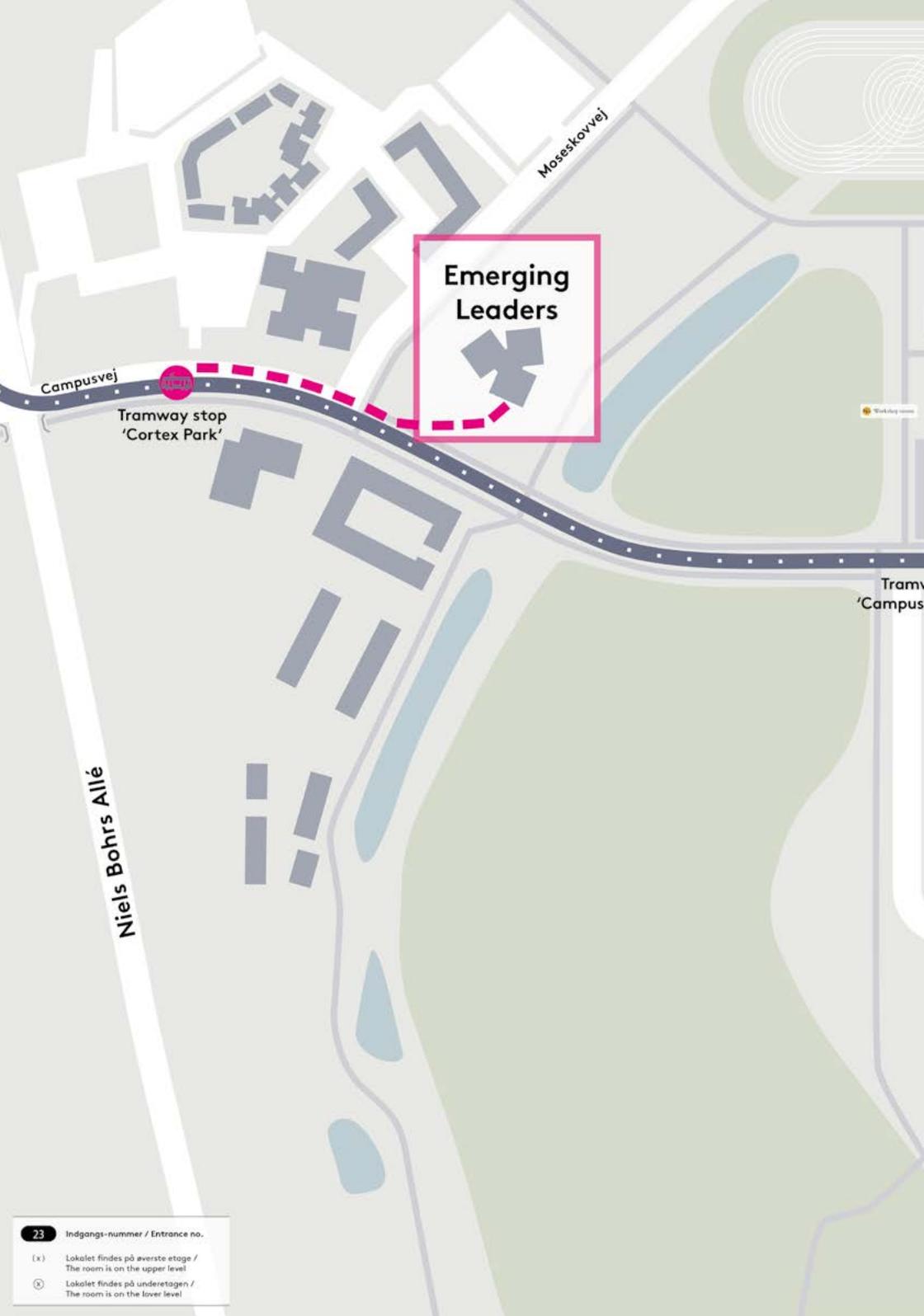
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# Pre-Conference Map



SDU 





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'Cortex Park'

Moseskovvej

Niels Bohrs Allé

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'Campus'

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The room is on the upper level  
⊙ Lokalet findes på underetagen /  
The room is on the lower level

Mosekovvej

**P**  
Parking

**P**

**Pre  
Conference**

**Main  
Conference**

Tramway stop  
'Odense'

Tramway  
'SDU Univ

**P** Parking

**P**

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## **Special thanks from Library Director, Bertil F. Dorch**

Every single person working at University Library of Southern Denmark has contributed in some way to make this 51<sup>st</sup> Annual LIBER conference a success. Too many to name here on these pages. Some by supporting sessions at the conference, others by taking a turn at the registration desk, or helping visitors to find their way, but also

by taking on the vital day-to-day library work of colleagues working on the particulars of the LIBER conference. We would like to recognize you all today. Thank you for all your support!

Furthermore, we would like to extend a huge thank you to our colleagues at the SDU, to the staff at Technical Service and Facility Management, SDU IT Services and many others, as well as to the University Director's office and to SDU's vice-chancellor for supporting the library in hosting the event. Lastly, we would like to thank also our colleagues at Odense's public library, at Borgernes Hus (house of citizens) for their contribution, help and support.

Jeg vil gerne have lov at takke alle jer medarbejdere på Syddansk Universitetsbibliotek, der på en eller anden måde har bidraget til at gøre den 51. LIBER-konference til en succes: I er for mange til at nævne her på disse sider, men I har alle sammen være uundværlig på hver sin måde – så tak fordi du var med!

Endvidere vil jeg rette en stor tak til vores kolleger på resten af SDU, til Teknisk Service, SDU IT, Økonomiservice m.fl. samt til universitetsdirektøren og til rektor, som har muliggjort at biblioteket kunne afholde LIBER-konferencen. Til sidst vil jeg også gerne takke vores kolleger i Borgernes Hus for deres medvirken!



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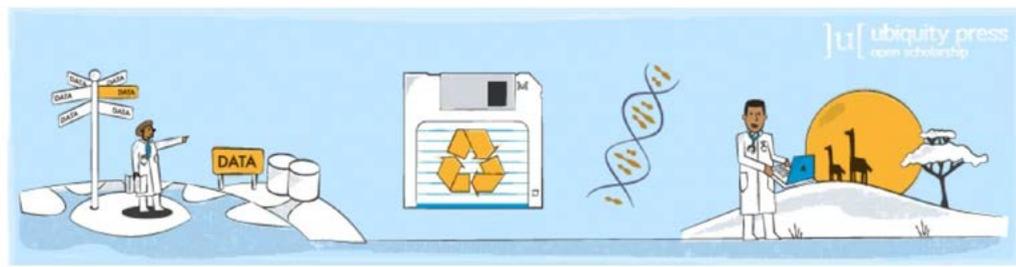
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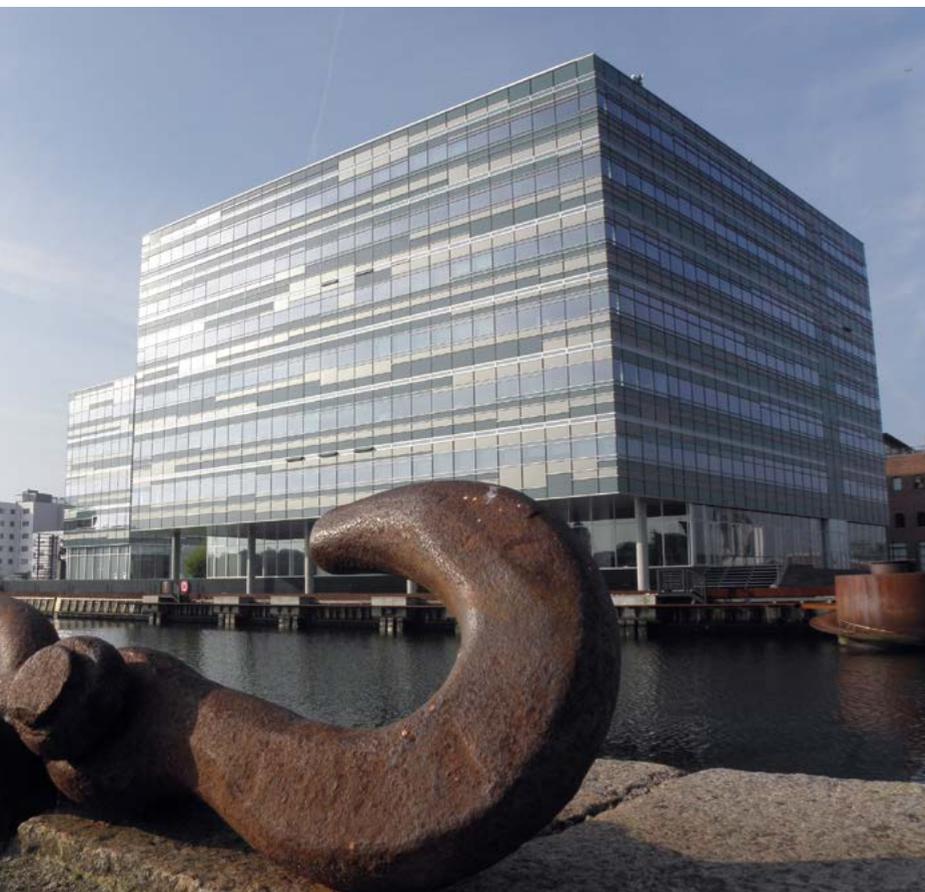
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