

Technical Meeting of Repository Networks

May 14 & 15, 2018 - Hamburg, Germany

On May 14 & 15, COAR will host a meeting of repository networks to discuss services and technologies of networks around the world. Repository networks aggregate the metadata and (sometimes content) from repositories and increasingly offer value added services such as integrating resources, discovery and tracking of research outputs, text and data mining, and assessment of usage and impact of research outputs. They also play an important role in community building across repositories, ensuring the adoption of common standards and best practices at local repositories that belong to the network.

Rather than relying on centralized (mainly commercial) services for supporting open science, open data and scholarly communication, we aim to collectively develop and strengthen national and regional services that are managed locally and that are able to reflect diverse needs and requirements of different countries. This will contribute to greater equality and participation in the system, especially for developing regions that have traditionally been somewhat excluded from scientific discourse. Strengthening these networks will contribute to the UN Sustainable Development Goals (e.g. #9) by building local infrastructure that is sustainable and inclusive. Alternatively, given the global nature of research, we also want to promote the adoption of common standards and functionalities so that there are not silos across regions and that networks can interoperate.

The purpose of the May meeting is to support information sharing across networks, including technical challenges, current and future functionalities, network interoperability, and community building. Currently, there are significant differences in the levels of development in repositories and repository networks. With this meeting, we will contribute to accelerating the development of less mature repository networks, and support the adoption of common functionalities across networks. The basis for this meeting is outlined in an [International Accord](#) signed by eight regions in May 2017. The Accord states, “Collectively we aspire to strengthen and enhance the distributed, community-based open access infrastructure around the world. Moreover, we acknowledge that strong relationships between regional and national repository networks are important, and that there are significant benefits of working together.”

In November 2017, COAR published the COAR Next Generation Working Group published its final report, [Behaviours and Technical Recommendations of the COAR Next Generation Repositories Working Group](#). The report outlines the new technologies for repositories that will support the development of novel network services. Another important topic for this meeting, will also be to discuss these new services, and develop strategies for adopting them in various local contexts.

Objectives

- Mapping of current network services and functionalities
- Best practices for building national and regional communities of practices
- Awareness and strategies for the adoption of next generation repository functionalities at the networks
- Priorities for interoperability across networks

May 14, 2018

9:00 - 9:45	Welcome and purpose of meeting Round table introductions
9:45-13:00	Current network services: metadata aggregation, validation and discovery Current network services: enhancement and curation, text and data mining, and heuristics
13:00 - 14:00	<i>lunch</i>
14:00 - 15:00	Network services: dashboards, usage statistics, and monitoring
15:00 - 15:15	<i>coffee</i>
15:30 - 17:30	Next generation repositories network services: conceptual model, notification services, annotation and peer review, data syncing

May 15, 2018

9:00 - 10:30	Community building: engaging with data providers, communities of practice, Metadata and vocabularies, training
10:30 - 10:45	<i>coffee</i>
10:45 - 12:45	Interoperability across networks
12:45 - 13:00	Wrap-up
13:00	<i>lunch</i>

Meeting Participants

Africa

- Consortium of Academic & Research Libraries in Ghana - Nina Chachu
- Education Strategy Center, Ethiopia - Margareth Gfrerer and Behailu Korma
- National Research Foundation, South Africa - Lazarus Matizirofa
- UNISA, South Africa - Daisy Selematsela
- University of Khartoum, Sudan - Iman Abdelrahman Aldareer
- West and Central Africa Research and Education Network - Omo Oaiya

Asia/Australasia

- Council of Australian University Libraries, Australia - Martin Bochert
- Korea Institute of Science and Technology Information, South Korea - Min Ho Lee, Song Sa-kwang
- National Institute of Informatics, Japan - Kazu Yamaji, Yuka Matsumura
- National Science Library, Chinese Academy of Science - Zhang Zhixiong

Europe

- Bielefeld Academic Search Engine (BASE), Germany - Friedrich Summann
- CORE and Jisc, United Kingdom - Petr Knoth
- National Electronic Information Consortium (NEICON), Russia - Irina Razumova
- OpenAIRE, Europe - Natalia Manola and Paolo Manghi
- University of Zagreb Computing Centre, Croatia - Draženko Celjak
- University of Maribor, Slovenia - Milan Ojsteršek

Latin America

- Instituto Brasileiro de Informação em Ciência e Tecnologia (IBICT), Brazil - Washington Ribeiro
- LA Referencia - Alberto Cabezas and Lautaro Matas
- Red Nacional de Investigación y Educación Ecuatoriana (CEDIA) Ecuador - Freddy Sumba

North America

- Canadian Association of Research Libraries (CARL), Canada - Geoff Harder and Michael Vandenburg
- Coalition for Networked Information (CNI), US - Cliff Lynch
- DURASpace, US - Debra Hanken Kurtz

Other

- Food and Agricultural Organization (FAO) - Imma Subirats
- COAR - Eloy Rodrigues, Kathleen Shearer
- Other - Jean-Claude Guedon, Iryna Kuchma, Paul Walk