

# Winter School 2024

29 January - 1 February 2024 / Thessaloniki, Greece



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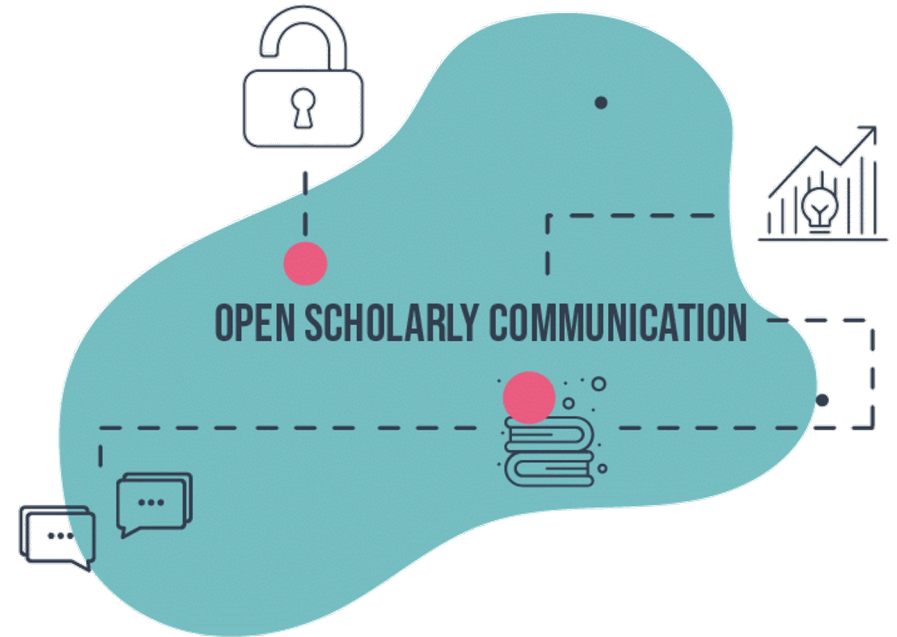


## Task Forces and projects synergy work around opportunity areas

01.02.2024

## Opportunity Area 6: Open Scholarly Communication

Zisis Kozlakidis  
TF Upskilling Countries to  
Engage in EOSC  
BBMRI-ERIC



## OA 6 Participants

- Sy Holsinger (OPERAS and CRAFT-OA),
- Leonidas Pispiringas (OpenAIRE and CRAFT-OA),
- Pierre Mounier (DIAMAS),
- Lukasz Opiola (EuroScienceGateway),
- Tomasz Miksa (OSTrails),
- Stefania Amodeo (OpenAIRE and SciLake),
- Zisis Kozlakidis (BBMRI-ERIC)



## OA 6 Objectives and Approach

- Understand the current landscape of OSC, through the developments in the EOSC-related projects
- Identify potential areas of need or opportunity
- Consider recommendations for now and for the future



## OA 6 Session – Tuesday Afternoon

- Presentation of EOSC-related projects and Interoperability
- Specifically for interoperability in OSC, key points include:
  - Using the same standards is not sufficient to be interoperable.
  - Interoperability can be automated but would require some level of curation.
  - A real-life use case vision is still needed to showcase the importance of interoperability for OSC.
  - At the human resources level the challenge persists.



# OA 6 Session – Wednesday Morning

- Identifying areas of need and potential recommendations for future of OSC-related initiatives.
- Support the proposal of a Task Force on Open Scholarly Communication
- Who is responsible for parsing the metadata? Either way, it needs to be machine actionable and some quality assurance of the data it contains.
- AI opportunities and risks - To be explored (i.e. use of LLMs and knowledge graphs) in coordination with other groups
- Best practices in data citation linking data with publications
  - Advocacy to researchers and publishers to improve linking to datasets in publications; useful benefit in return could be to increase the credit of authors for being cited for datasets
  - Would stronger policies and mandates help, hurt or be required or what are other incentives that could be used?
  - OpenAIRE & ScholExplorer provide links between research outputs. Although through enrichment by inference this information can be extracted in some cases they need the links to be available in the papers and metadata of the data sources.



## OA 6 Session – Wednesday Afternoon

- DIAMAS - CRAFT-OA and role of Diamond OA in EOSC
- A structure is proposed to federate the fragmented landscape, allowing resources to be used and shared more effectively.
- Based on the deliverables of DIAMAS and CRAFT-OA projects.
- The goal is to provide a network of services to the community, with a four-tier architecture consisting of:
  - community (journals and scientific communities around journals),
  - national/local/disciplinary capacity centres,
  - regional capacity hubs, and a global diamond federation.
- Can EOSC act as a thematic Capacity Hub?



## OA 6 Recommendations

- The SRIA document should make explicit mention to scholarly communication.
- Support the proposal of a Task Force on Open Scholarly Communication to work on concrete actions that need to be solved in which can't be within a single project and further define and understand the:
  - Role of machine actionability of the digital objects in open scholarly communication. Ways to aid the peer review and quality assessment of the data.
  - Diversity of OSC “outputs” and improve how they are to be treated as “publications”
  - AI opportunities and risks
  - EOSC support to Diamond OA





## OA 6 Next Steps

### Short-Term Opportunities / Priorities (next 6 months):

- Support the proposal of a Task Force on Open Scholarly Communication
- Initial interest: work on the name, tagline and presentation so that people understand that it is of interest for all the entire EOSC community

### Medium-Term Opportunities / Priorities (6-18 months):

- Role of machine actionability of the digital objects in open scholarly communication
- Ways to aid the peer review and quality assessment of the digital objects
- Diversity of OSC “outputs” and improve how they are to be treated as “publications”

### Long-Term Opportunities / Priorities (18+ months):

- AI opportunities and risks
- Explore the following questions: Is the community ready to introduce AI techniques, what are the challenges with the current research outputs? Can anyone in the EOSC community build on top of existing corpora or be used for training any potential models?



# OA 6 Commitment

Diversity of OSC “outputs” and improve how they are to be treated as “publications”

