

"Biolumaging and the European Open Science Cloud - status and opportunities"
19-20 April 2023 - EMBL, Heidelberg

Agenda

Day 1, Wed 19th April 2023

Time	Topic	Presenter
08:30	<i>Welcome coffee & registration</i>	
09:00	Welcome and opening	Claudia Pfander, Euro-Biolumaging Industry Board Coordinator
09:15 – 10:45	Providing Image Data Analysis as a Service	Chair: Aastha Mathur, Euro-Biolumaging
09:15	<ul style="list-style-type: none"> • Examples of user projects that carried out stand-alone image analysis service provision • Exemplary access models from the facilities on management of incoming image analysis projects 	Imaging Analysis Service Providers at facilities – speakers TBC
10:15	Discussion (20min) on the current challenges in provision of image analysis as a service	Speakers + additional panelists
10:35	<i>Coffee break</i>	
11:20	Image data and why it matters to industry	Martin Tewinkel, EVIDENT Olympus & EBIB Chair
11:35 – 13:00	Image Data Management for facilities	Chair: Johanna Bischof, Euro-Biolumaging
11:35	France Biolumaging	Perrine Paul-Gilloteaux, Nantes University / CNRS
11:50	Erasmus MC (Population Imaging)	Stefan Klein, Erasmus MC
12:05	Research Data Policy/ODEON - CEITEC (Prague Node)	Milan Esner, CEITEC
12:20	Industry perspective on Image Data Management	1 company representative TBC
12:35	Discussion (25 min): Needs, challenges and expectations for RDM at facilities	Speakers + additional panelists
13:00	<i>Lunch + IC Tour in groups 2x30min</i>	
14:00 – 15:30	FAIR data and image data services	Chair: Isabel Kemmer, Euro-Biolumaging
14:00	Open Image Data Repositories	Matthew Hartley, BiolumageArchive
14:15	Euro-Biolumaging Image Data Services	Aastha Mathur, Euro-Biolumaging

"Biolmaging and the European Open Science Cloud - status and opportunities"
19-20 April 2023 - EMBL, Heidelberg

Time	Topic	Presenter
14:30	Image Data Infrastructures (i3D-bio and NFDI4Biolmage)	Stefanie Weidtkamp-Peters, Heinrich-Heine University
14:45	1 company presentation on FAIR data (1x15min)	1 company representative TBC
15:00	Discussion: How do companies support RDM and data sharing (metadata, interoperability, data transfer etc.)?	Speakers + additional panelists
15:30	<i>Coffee break</i>	
16:00 – 18:30	Transitioning cloud-compatible tools and services to the EOSC	Chair: Jean-Karim Heriche, EMBL
16:00	Warm-up exercise: What is the European Open Science Cloud?	Claudia Pfander, Euro-Biolmaging Industry Board Coordinator
16:10	The EOSC vision, collaboration among EOSC projects and industry participation (15min + 10min Q&A)	Ute Gunsenheimer, EOSC Association
16:35	Working with images in EOSC	Jean-Karim Heriche, EMBL
16:50	OME.NGFF and OME.ZARR	Josh Moore, German Biolmaging
17:00	Virtual desktop (BAND)	Jean-Karim Heriche, EMBL
17:10	1 company presentation	ZEISS, speaker TBC
17:20	<i>Coffee break</i>	
17:40	1 company presentation	Leica, speaker TBC
17:50	Imaging in Galaxy	Beatriz Serrano-Solano & Bugra Özdemir, Euro-Biolmaging
18:00	Workflow Management Systems	Speaker TBC
18:10	Discussion: <ul style="list-style-type: none"> Transitioning established tools and services to the cloud, including commercial solutions Integrating open-source and industry solutions	Session speakers + additional panelists
19:00	<i>Dinner</i>	

"Biolmaging and the European Open Science Cloud - status and opportunities"
19-20 April 2023 - EMBL, Heidelberg

Day 2, Thu 20th April 2023

Time	Topic	Presenter/Participants
08:30	<i>Welcome Coffee</i>	
09:00	Imaging in the EOSC landscape - projects and initiatives	Chair: Arina Rybina, Euro-Biolmaging
09:00	Imaging use cases from EOSC-Life (3x10min) <ul style="list-style-type: none"> • LifeMonitor • QSM4SENIOR -Ultra-high Field MRI Quantitative Susceptibility Mapping reconstruction of the healthy Brain-aging cohort • A Repository and Compute Environment for FAIR, Reproducible and Secure Data Analytics 	Luca Pireddu, CRS4 Miguel Guevara, CNRS Andreas Rauber, TU Wien
09:30	Covid-19 data portal and BY-COVID	Speaker TBC
09:45	EOSC4Cancer, EuCanImage and EUCAIM	Stefan Klein, Erasmus MC
10:00	AI4Life	Anna Kreshuk, EMBL
10:15	Public-private initiatives for Open Science	1 company representative TBC
10:30	<i>Coffee break</i>	
11:00	Panel discussion on sustainability and long-term perspective <ul style="list-style-type: none"> • Realizing the EOSC vision: Seamless access to resources, interoperability of data and services • Challenges of open source / free /community driven tools • Funding models for cloud based open tools • Industry – direction and business models • How does industry see private/public collaboration in EOSC? What would companies need to engage more? 	Chair: Claudia Pfander, Euro-Biolmaging Selected speakers from Day 1 & 2 + additional panelists
12:30	<i>Lunch + IC Tour in groups (2x30min) + departure</i>	



This meeting and EOSC-Life have received funding from the European Union's Horizon 2020 programme under grant agreement number 824087.

