

Biolmaging and the European Open Science Cloud



Agenda

Day 1, Wed 19th April 2023 – morning session

Time	Topic	Presenter
08:30	<i>Coffee & registration</i>	
09:00 – 10:30	Providing Image Data Analysis as a Service	Chair: Aastha Mathur, Euro-Biolmaging
09:00	Biolmage Informatics Facility (BIF) - image analysis support in Sweden	Anna Klemm, SciLifeLab
09:15	Talk2	Sebastian Tosi, Danish Biolmaging
09:30	Talk3	Michaela Blažíková, Czech Biolmaging
09:45	Talk4	Stoyno Stoynov, Bulgarian Node
10:00	Discussion	
10:30	<i>Coffee break</i>	
11:00	Welcome and opening of EOSC Session	Claudia Pfander, Euro-Biolmaging Industry Board Coordinator
11:05	Image data and why it matters to industry	Herbert Schaden, ZEISS, Industry Board Chair
11:15 – 12:30	FAIR data and image data services	Chair: Isabel Kemmer, Euro-Biolmaging
11:15	Euro-Biolmaging Image Data Services	Aastha Mathur, Euro-Biolmaging
11:30	Open Image Data Repositories	Matthew Hartley, BiolmageArchive
11:45	Image Data Infrastructures (i3D-bio and NFDI4Biolmage)	Stefanie Weidtkamp-Peters, Heinrich-Heine University
12:00	Discussion: How can we facilitate FAIR data generation?	Speakers + additional panelists
12:30	<i>Lunch and IC tour</i>	



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Time	Topic	Presenter
13:30 – 15:15	Image Data Management for facilities	Chair: Johanna Bischof, Euro-Biolmaging
13:30	France Biolmaging	Perrine Paul-Gilloteaux, Nantes University / CNRS
13:45	Erasmus MC (Population Imaging)	Stefan Klein, Erasmus MC
14:00	Research data management at CEITEC MU-Brno	Milan Esner, CEITEC MU-Brno
14:15	<i>Data Management with Athena (TBC)</i>	Davy Penhard, Thermo Fisher Scientific
14:30	Challenges in (big) data management	Martin Tewinkel, EVIDENT Olympus, Industry Board Co-Chair
14:45	Discussion (30 min): Needs, challenges and expectations for RDM at facilities and how companies can support RDM	Speakers + additional panelists
15:15	<i>Coffee break</i>	
15:45 – 18:30	Transitioning tools and services to the EOSC	Chair: Jean-Karim Heriche, EMBL
15:45	Warm-up exercise: What is the European Open Science Cloud?	Claudia Pfander, Euro-Biolmaging Industry Board Coordinator
15:50	The EOSC vision, collaboration among EOSC projects and industry participation (15min + 10min Q&A)	Ilaria Nardello, EOSC Association
16:15	Working with images in EOSC	Jean-Karim Heriche, EMBL
16:30	OME.NGFF and OME.ZARR	Josh Moore, German Biolmaging
16:40	Virtual desktop (BAND)	Jean-Karim Heriche, EMBL
16:50	<i>Coffee break</i>	
17:20	Deep learning for everyone – a cloud-based approach	Bernhard Fichtl, ZEISS
17:35	<i>Title TBC</i>	Luciano Lucas, Leica Microsystems
17:50	Imaging in Galaxy	Beatriz Serrano-Solano & Bugra Özdemir, Euro-Biolmaging



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Time	Topic	Presenter
18:00	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
18:30	Wrap-up of Day 1 and outlook	Claudia Pfander, Euro-Biolmaging Industry Board Coordinator
19:00	<i>Dinner</i>	

Day 2, Thu 20th April 2023

Time	Topic	Presenter
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"> Life Monitor 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 Martin Weise, TU Wien
09:30	<i>Title TBC</i>	Lassi Paavolainen
09:45	EOSC4Cancer, EuCanImage and EUCAIM	Stefan Klein, Erasmus MC
10:00	AI4Life	Anna Kreshuk, EMBL
10:15	<i>Coffee break and poster session</i>	
11:00	Panel discussion on sustainability and long-term perspective	Chair: Claudia Pfander, Euro-Biolmaging Selected speakers from Day 1 & 2 + additional panelists
12:30	<i>Lunch and departure</i>	

