



France-Biolmaging Annual Meeting 2022

Venue: Bâtiment IRS-UN, 8 quai Moncoussu 44000 Nantes

Programme

Tuesday, December 13th, 2022

Celebrating 10 years of operation

12:00–13:20	Welcome & Lunch
13:20-13:30	Opening & Introduction - <i>Edouard Bertrand & Marc Tramier</i>
13:30-14:00	France-Biolmaging: Building an infrastructure and future challenges <i>Jean Salamero, former Scientific Director & Edouard Bertrand, Scientific Director</i>
14:00-14:45	The Bretagne-Loire node: Community building, integration within FBI and its local environment <i>Marc Tramier, Head of the Bretagne-Loire node</i> <i>Pierre Boudry, Director of GIS BIOGenouest</i> <i>Michel Cherel, Head of CRCINA, member of France Life Imaging Grand Ouest Hub</i>
14:45-16:00	Collaboration between France-Biolmaging and the French bioimaging ecosystem <i>Presentations (8') and roundtable (35') - Chair: Edouard Bertrand</i> <ul style="list-style-type: none"> • RTmfm - <i>Sophie Allart, Damien Schapman</i> • RIME - <i>Artemis Kosta, Bruno Payre</i> • GDR IMABIO - <i>Sandrine Lévêque-Fort</i> • GDR Organoides - <i>Vincent Flacher (remotely)</i> • GDR AQV - <i>Cécile Leduc (remotely)</i>
16:00-16:30	Coffee break
16:30-17:30	Updates from the mission officers of France-Biolmaging <i>Chair: Alexandre Philips</i> <i>10' presentation + 2' Q&A</i> <ul style="list-style-type: none"> • Mission Data - <i>Emmanuel Faure</i> • Mission Formation - <i>Fabrice Cordelières</i> • Mission Tech Transfer - <i>Etienne Henry</i> • Mission Intégration - <i>Cédric Matthews</i> • Mission Inter-Infrastructures - <i>Jean Salamero</i>
17:30-18:00	Running projects from France-Biolmaging calls and future calls <i>Chair: Etienne Henry</i> <ul style="list-style-type: none"> • Call R&D Transfer 2021 (6'/ project) <ul style="list-style-type: none"> ○ <i>Léo Maury</i> - BioimageIT (J. Salamero project) ○ <i>Xavier Devos</i> - CloudFish (M. Nollman project) ○ <i>Abdelghani Neuhaus</i> - BIC HCS SMLM (JB. Sibarita project) ○ <i>Tao Laurent</i> - Morphonet (E. Faure project) • Call OutReach 2022 (3'/project) <ul style="list-style-type: none"> ○ <i>Cesar Augusto Valades</i> - PolarImaging (S. Brasselet project) ○ <i>Emmanuel Faure</i> - Virtual Microscopy (E. Faure project)



18:00-18:15	User access & funding opportunities through Euro-BioImaging <i>Antje Keppler - Euro-BioImaging Bio Hub Director</i>
18:15-18:30	Wrap-up of day 1
19:00	Dinner & Social event <i>Meeting Point & Time: 18:45 @IRS-UN</i> <i>For those who registered to the Social Event & Dinner, we will go on foot from the event venue to the Galerie des Machines.</i> <i>For those who want to drop by their hotel before the social event/dinner, here are the meeting points & times:</i> - 19:00 Les Machines de l'Île - 20:00 O Deck

Wednesday, December 14th, 2022

10 years of scientific advances

8:30-8:45	Welcome & Opening
8:45-10:30	France-BioImaging technological working packages <i>Parallel sessions</i> WP - Multiplexed imaging (remotely) WP - Multiscale Light Sheet Imaging WP - Preclinical Microscopy WP - Data Management
10:30-10:45	Coffee break
Session 1 - Chair: Daniel Choquet	
10:45-11:05	Simulation of astrocytic calcium signals in microscopy images to support the development of a learning-based analysis tool <i>Anaïs Badoual - Inria Rennes, SERPICO project-team, BioImage Informatics Node</i>
11:05-11:25	Multi-scale imaging using single objective light-sheet microscopy <i>Jean-Baptiste Sibarita - Univ. Bordeaux, CNRS, Institut Interdisciplinaire de Neurosciences, Bordeaux node</i>
11:25-11:45	Multiscale and multidimensional imaging of the mammary gland reveals the key role of the primary cilium in mammary stem cell biology <i>Vincent Guen - CRCI2NA, Bretagne Loire Node</i>
11:45-12:05	Plant membrane nano-organisation and osmotic signalling <i>Alexandre Martiniere - IPSIM, Montpellier Node</i>
12:05-13:30	Lunch



Session 2- Chair: René-Marc Mège	
13:30-13:50	Physics of living systems Pierre-François Lenne - IBDM CNRS Aix-Marseille Université, Marseille Node
13:50-14:10	New molecular probes for advanced microscopy: when chemists are playing with microscopists Lydia Danglot - IPNP, Paris Centre Node
14:10-14:30	Modulated excitation for enhanced single molecule localization microscopy Sandrine Lévêque-Fort - ISMO - CNRS/ Univ. Paris Saclay, Ile de France Sud Node
14:30-15:00	Why mining the data generated by the International Mouse Phenotyping Consortium? Yann Herault - Université de Strasbourg, CNRS, INSERM, IGBMC, PHENOMIN-ICS
15:00-15:30	France-Bioimaging and Euro-Bioimaging - The sky is the limit but the resolution is not John Eriksson, Euro-Bioimaging Director General
15:30-16:00	Coffee break
16:00-17:00	FBI working packages: wrap-up of the morning sessions and perspectives Chair: Perrine Paul-Gilloteaux
17:00-17:15	Wrap-up & Farewell

Satellite meetings:

- **Preclinical Microscopy WG meeting - 12/12, 9h00-17h30 @IRS-UN**
[Programme](#)
- **Open Iris Roundtable - 13/13, 11h30-12h30 @IRS-UN → open to all**
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