



FRANCE-BIOIMAGING

France-Bioimaging Annual Meeting 2026

« Multimodalities for organ and organism imaging »

March 12th & 13th, 2026

Venue: CURIB building of the Faculty of Sciences at the University of Rouen, Place Emile Blondel, Mont-Saint-Aignan

Programme

Thursday, March 12th, 2026

9:00 - 10:30	Visit of PRIMACEN facility or Talk-Demo “On-site Liquid Nitrogen production”, F. Palgé (F-DGSI)
10:00 - 10:30	Registration 📍 CURIB building (PRM OK)
10:30 - 10:40	Opening remarks Day 1 - France-Bioimaging & Normandie Node representatives
10:40 - 11:00	France-Bioimaging: Latest news - René-Marc Mège
11:00 - 11:20	Normandie Node overview - Ludovic Galas/Isabelle Bardou
11:20 - 12:00	Building Synergies for Industry–Science Cross-Collaboration Session ● FBI as a Service Provider and Industry Partner <i>Samy Al-Bourgol</i> ● Case Study – Project “cSMART” (PRIMACEN & Alga Biologics) <i>Muriel Bardor</i> Innovative partnership model between academic imaging and biotech.
12:00-13:00	Lunch
13:00-14:20	Education & Capacity Building in Bioimaging Session ● Master Degree in Cell Imaging, European Partnership <i>Delphine Burel</i> ● Master Degree in Biomedical Imaging, Turku, Finland <i>Kari Vienola, University of Turku</i>

	● Next-Generation Training Material & FAIR Principles <i>Fabrice Cordelières</i> ● Euro-Biolmaging Industry Board initiatives: focus on the internship collaboration and industry job shadowing pilot - Claudia Pfander
14:20 - 14:35	FBI Data - <i>Guillaume Gay</i>
14:35 - 14:50	OpenCID - <i>Raphaël Braud Mussi</i>
14:50 - 15:20	Coffee break
15:20 - 15:35	FB-IAS - <i>Anne Sophie Macé/Arthur Meslin</i>
15:35 - 15:50	Challenges - <i>Dorian Kauffmann</i>
Scientific Meeting « Multimodalities for organ and organism imaging »	
15:50 - 15:55	Introduction
15:55 – 16:45	Scientific Session 1 - Plant and Invertebrates (20 min each: 15 min talk + 5 min Q&A)
15:55 – 16:15	Systematic 3D analysis of metaphase cells and spindles in the root of <i>Arabidopsis thaliana</i> - Jasmine Burguet, <i>Ile-de-France Sud Node, IJPB</i>
16:15-16:35	Electron Microscopy approaches dedicated to <i>Drosophila</i> and <i>C. elegans</i> studies - Nicolas Brouilly, <i>Marseille Node, IBDM, Aix-Marseille Université</i>
16:45-17:15	Keynote speaker: Sébastien Schaub - Imaging Marine Organisms (TBC), PIM, EMBRC-FR Research Infrastructure
17:15-17:20	Wrap-up of day 1
18:30	Social Event 📍 Cité Immersive Viking, 105 bis All. François Mitterrand, Rouen, (PRM OK)
20:00	Dinner 📍 Pintxos, 105 All. François Mitterrand Hangar 105, Rouen, (PRM OK)

Friday, March 13th, 2026

08:30 – 09:00	Registration & Welcome Coffee  CURIB building (PRM OK)
09:00 – 09:10	Opening remarks day 2
09:10 – 11:50	Scientific Session 2 - Brain <i>(5 presentations — 20 min each: 15 min talk + 5 min Q&A)</i>
09:10 – 09:30	Contribution of volume EM techniques (SBF-SEM and FIB-SEM) to high-resolution 3D cellular imaging - Xavier JAURAND, <i>Rhône-Alpes Node, Centre Technologique des Microstructures, Université Claude Bernard Lyon1</i>
09:30 – 09:50	Shedding light on neuronal and synapse structures using multiscale 3D STED imaging on thick brain tissue - Lydia Danglot, <i>Paris Centre Node, Neurlmag Imaging Facility, Institut de Psychiatrie et Neurosciences de Paris (IPNP), Inserm U1266, Université Paris Cité</i>
09:50 – 10:10	Exploring whole mouse brain with tissue optical clearing - Jérémy Teillon, <i>Bordeaux Node, Bordeaux Imaging Center UAR3420 CNRS - Université Bordeaux - US4 INSERM</i>
10:10 – 10:30	Multiscale Correlative Imaging of Post-Stroke Microvascular Pathology by Intravital Two-Photon and Nanoscale 3D Microscopy - Igor Khalin, <i>Normandie Node, Inserm-UniCaen UMR-S U1237 PhIND, Blood and Brain at Caen Normandie Institute (BB@C)</i>
10:30 - 10:50	Multimodal in vivo imaging of the tissue microenvironment in a neuro-endocrine system - Chrystel Lafont, <i>Montpellier Node, IPAM facility, Institut de Génomique Fonctionnelle (CNRS UMR 5203 - INSERM U1191 - Univ. Montpellier)</i>
10:50 - 11:20	Coffee break
11:20 - 11:50	Keynote speaker: Maxime Gauberti - Immuno-MRI , <i>Inserm-UniCaen UMR-S U1237 PhIND, Blood and Brain at Caen Normandie Institute (BB@C), France Life Imaging Research Infrastructure</i> 20 min talk + 10 min discussion
11:50 – 12:50	Industry Focus: Multimodal Bioimaging Strategies <i>(Total: 1 hour, includes short talks + discussion)</i> Chairs: Cédric Matthews et Damien Schapman

11:50 – 12:00	Introduction to the Industrial Session
12:00 – 12:10	Industry Talk 1 (7 + 3 min)
12:10 – 12:20	Industry Talk 2 (7 + 3 min)
12:20 – 12:30	Industry Talk 3 (7 + 3 min)
12:30 – 12:50	Open Discussion with Industrial Partners
12:50 - 14:20	Group Photo Lunch  CURIB Hall
14:20 – 15:20	Scientific Session 3 - Muscle, Heart, Lung (3 presentations — 15 + 5 min)
14:20 – 14:40	Clearing and analysis of mouse muscles for fiber segmentation and nucleus positioning in nuclear myopathies - Erwan Grandgirard, <i>Alsace Node, Imaging Center of the IGBMC</i>
14:40 – 15:00	Imaging the invisible - cardiac lymphatics in health and disease - Ebba Brakenhielm, <i>Normandie Node, Rouen Institute for Research and Innovation in Biomedicine (Inserm U1096), University of Rouen</i>
15:00 – 15:20	Intravital lung microscopy unveils T cell dynamics in mouse tuberculosis lesions - Léa Fromont, <i>Toulouse Node, IPBS</i>
15:20 – 16:20	Scientific Session 4 - Intestine, Liver (3 presentations — 15 + 5 min)
15:20 – 15:40	3D tissue architecture of Vibrio cholerae infection : ultrastructural analysis by serial block-face scanning electron microscopy in the larval intestine of zebrafish - Manuel Majrouh, <i>Paris Centre Node, Plateforme de BioImagerie Ultrastructurale, Institut Pasteur</i>
15:40 – 16:00	Multimodal Analysis of Fibrous Nests in Human Hepatocellular Carcinomas Using Spatial Transcriptomics, a 62-Antibody Immune Oncology Multiplex Panel, Raman Spectroscopy, and Second Harmonic Generation - Anthony Sebillot, <i>Bretagne-Loire Node, H2P2 facility, Biosit (UMS/UAR CNRS 3480 - INSERM 018)</i>
16:00 – 16:20	Longitudinal imaging of vascularized hepatic spheroids after ectopic implantation in a mouse model of chronic liver disease - Juri Aparicio Arias -

	<i>Montpellier Node, IPAM facility, Institut de Génomique Fonctionnelle (CNRS UMR 5203 - INSERM U1191 - Univ. Montpellier)</i>
16:20 – 16:25	Closing Remarks & Farewell
16:30	Visit of PRIMACEN facility