

EURO-BIOIMAGING SPAIN KICK OFF MEETING

Institut D'Estudis Catalans, Barcelona

20th February 2026

SCIENTIFIC TALKS PROGRAM

9:00 - 9:30

REGISTRATION



9:30 - 9:40

Iban Ubarretxena, *Scientific Coordinator Euro-Bioimaging-Spain*, Instituto Biofisika (IBF, CSIC-EHU) / Biofisika Bizkaia Fundazioa (FBB), Bilbao

9:40 - 10:00

Inmaculada Figueroa, *Subdirector General for Scientific and Technical Infrastructures and Large Facilities, Ministry of Science, Innovation and Universities, Spain*

10:00 - 10:30

John Eriksson, *Director Euro-Bioimaging ERIC*, Turku, Finland

Session Host: Artur Escalada, *Vice-Director*, Instituto Biofisika Bizkaia (IBF, CSIC-EHU), CSIC *Coordinator Euro-Bioimaging Spain*

10:30 - 11:20

Advanced Optical Imaging and Photonics

- **Quantitative imaging to drive dynamical computer modelling of organogenesis.** James Sharpe, EMBL Barcelona
- **Resolving individual multi-molecular interactions in living cells.** María García Parajo, *Single Molecule Biophotonics*, ICFO - The Institute of Photonic Sciences, Barcelona
- **Session Chair: Nadia Halidi**, *Advanced Light Microscopy Centre for Genomic Regulation (CRG)*, Barcelona

11:20

COFFEE BREAK



11:50 - 12:40

Biomedical Imaging and Advanced Radiology

- **Medical imaging language and the broken telephone effect.** Luís Martí-Bonmatí, *Biomedical Imaging Research Group (GIBI230-IIS La Fe)*, *Clinical Area of Medical Imaging Department*, La Fe University and Polytechnic Hospital, Valencia
- **Turning imaging AI research into patient benefit.** Raquel Pérez López, *Advanced Medical Imaging / Radiomics* Vall d'Hebron Institute of Oncology (VHIO), Barcelona
- **Session Chair: Aikaterini Vraka**, *Biomedical Imaging Research Group (GIBI230-II2 La Fe)*, La Fe Health Research Institute, Valencia

12:40 - 13:50

National Bioimaging Infrastructures: Organization/Activities, Digital Transformation, Innovation/ Training/ Access

- **PPBI: Organization, Activities and Integration within the Euro-Bioimaging Ecosystem.** Luisa Cortés, *Portuguese Platform of Bioimaging (PPBI)*, *Microscopy Imaging Centre of Coimbra (MICC)*, CNC-University of Coimbra, Portugal
- **France Bioimaging. A National Infrastructure in Biology and Health.** Emmanuel Faure, *Image Data Mission*, France Bioimaging (FBI) Montpellier, France.
- **Introducing the new EuBI MadMic Node.** José Requejo/Alvaro Sahún, *Centro Nacional de Biotecnología (CNB-CSIC)/ Centro de Biología Molecular Severo Ochoa (CSIC-UAM): Madrid Advanced Microscopy Center (MAdMIC)*, Madrid, Spain.
- **Session Chair: Johanna Bischof**, *Bio-Hub Operations*, Euro-Bioimaging Bio-Hub (EMBL), Germany

13:50

LUNCH



15:00 - 16:15

Image Analysis and Artificial Intelligence for Multimodal Image Data

- **MorphoNet: Efficient quality assessment and bio-curation of large segmented 3D time-lapse imaging datasets.** Emmanuel Faure, *Université de Montpellier (LIRMM)/ CNRS/ INRIA*, Montpellier, France
- **BiaPy: Accessible deep learning for bioimages.** Ignacio Arganda-Carreras, *Bioimage Analysis Instituto Biofisika (IBF, CSIC-EHU)*, Bilbao
- **Multimodal AI modelling in oncology.** Leonor Cerdá-Alberich, *Biomedical Imaging Research Group (GIBI230-IIS La Fe)*, La Fe Health Research Institute, Valencia
- **Session Chair: María Calvo**, *Advanced Microscopy Unit CCITUB- Centres Científics i Tecnològics de la Universitat de Barcelona*

16:15

COFFEE BREAK



16:45 - 17:45

Artificial Intelligence, Across Scales: From Cells to Patients

- **María García Parajo**, *ICFO - The Institute of Photonic Sciences*, Barcelona
- **Ignacio Arganda-Carreras**, *Instituto Biofisika*, CSIC-EHU, Bilbao
- **Raquel Pérez López**, *Vall d'Hebron Institute of Oncology*, Barcelona
- **Leonor Cerdá-Alberich**, *Biomedical Imaging Research Group (GIBI230)*, La Fe Health Research Institute, Valencia
- **Moderators: Pablo Loza**, *Super-Resolution Light Microscopy and Nanoscopy (SLN) ICFO - The Institute of Photonic Sciences*, Barcelona; **Julien Colombelli**, *Advanced Digital Microscopy Core Facility Institute for Research in Biomedicine -IRB Barcelona*

17:50 - 18:00

CLOSING SESSION

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