## Euro-BioImaging User Forum: “At the Forefront of Neuroscience”

**Tuesday, April 5th at 14:00 CET, Online event**

### Register here:

https://us02web.zoom.us/meeting/register/tZ0ucuytpj8iE92A-JjvPbvpNnmTF4Z7iRaC

Chairied by: John Eriksson, Director General, Euro-BioImaging ERIC

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| 14:00-14:10   | **Welcome & Introduction**  
Euro-BioImaging: Supporting neuroscience research | John Eriksson,  
Euro-BioImaging Director General                                                                 |
| 14:10-14:15   | **Euro-BioImaging**  
Open access to imaging technologies | Antje Keppler,  
Euro-BioImaging Bio-Hub Director                                                                 |
| 14:15-14:45   | **Keynote**  
In vivo imaging modalities applied to Neuroimaging | Hervé Boutin,  
University of Manchester                                                                 |
| 14:45-15:05   | **Node & User Presentation - Brain Imaging Network BIN**  
A TMS and multimodal molecular imaging study of the Interhemispheric inhibition/excitation imbalance: project overview | Joao Castelhano,  
University of Coimbra  
Miguel Castelo-Branco,  
Brain Imaging Network                                                                 |
| 15:05-15:25   | **Node & User Presentation – Advanced Light Microscopy Italian Node**  
3D Brain 18F-[FDG] PET Segmentation and classification for diagnosis of Alzheimer’s Disease using deep neural network | Lisa De Santi,  
Fondazione Toscana G. Monasterio  
Luca Menichetti,  
Molecular Imaging Italian Node                                                                 |
| 15:25-15:45   | **Node & User Presentation – Advanced Light Microscopy and Medical Imaging Node Brno CZ**  
How to identify epileptogenic zone in MRI negative epilepsy with arterial spin labelling data | Martin Gajdoš,  
CEITEC Masaryk University  
Michal Mikl,  
ALM and Medical Imaging Node Brno                                                                 |
| 15:45-16:15   | **Keynote**  
TBD                                                                                       | Serena Ding,  
Max Planck Institute for Animal Behaviour                                                                 |
| 16:15-16:35   | **Node & User Presentation – France BioImaging**  
Studying AMPA Receptor Dynamics with Lattice Light Sheet and Multiphoton Microscopy | Angela Getz,  
Bordeaux Imaging Center/IINS  
Daniel Choquet,  
France Bioimaging                                                                 |
| 16:35-16:55   | **Node & User Presentation - Portuguese Platform of BioImaging PPBI**  
Aberrant hippocampal transmission and behavior in mice with a stargazin mutation linked to intellectual disability. | Ângela Inácio,  
University of Coimbra  
Paula Sampaio,  
Portuguese Platform of BioImaging PPBI                                                                 |
| 16:55-17:00   | **Wrap-Up and Conclusion**                                                                | Linda Chaabane,  
Euro-BioImaging Med-Hub Director                                                                 |