



FRANCE-BIOIMAGING



# 1<sup>st</sup> Meeting of FBI Alsace Node

## 11<sup>th</sup> June 2024

### IGBMC

9:00-9:10 Welcome by INSERM representative Eric Simon and Marie Matton

9:10-9:25 Presentation of the Alsace Node – Yves Mély

9:25-10:00 Presentation of FBI – Caroline Thiriet and Samy Al-Bourgol

#### How the platforms' technologies serve your research? Session 1

10:00-10:30 Holotomography - Olivier Haeberle (IRIMAS) & Marc Ruff (IGBMC)

10:30-11:00 Two photon irradiation to study the TFIIH dynamic during Nucleotide Excision Repair - Elvire Guiot and Amélie Zachayus (IGBMC)

11:00-11:25 *Coffee break*

11:25-11:55 Fluorescent Dyes and Nanoparticles as Bright Probes for Bioimaging- Andrey Klymchenko (LBP)

**11:55-12:45 Plenary lecture**  
**Chiara Stringari- Laboratory for optics and biosciences, Ecole Polytechnique**

12:45-14:00 – *Lunch*

14:00-14:30 Flash Talks from users

#### How the platforms' technologies serve your research? Session 2

14:30-15:00 3D super-resolution imaging of cerebellar synapses by expansion microscopy - Pierre Hener and Frédéric Doussau (INCI)

15:00-15:30 EnderScope: A Low-Cost 3D Printer Based Scanning Microscope for Microplastic Detection - Jérôme Mutterer (IBMP)

15:30-16:00 Single-Particle Tracking with UpConverting NanoParticles - Frédéric Przybilla (LBP)

16:00-16:30 IPP - iCube: Fluorescence et Raman

16:30-17:00 *Coffee break and end of the meeting*

17:00-18:00 Meeting of the node (open to staff of the imaging platforms and R&D teams)