

# Second Biological Image Processing and Analysis Symposium (BioIAS)

June 14, 2024

Parc Valrose, Salle des Actes, Nice

## Welcome

9:00 Official representative(s) : UniCA/IDEX - Signalife – 3IA – Inserm

Organizers: Ellen Van Obberghen-Schilling and Laure Blanc-Féraud

## Session 1

Moderator :

9:15 **Robert Haase**, ScaDS.AI, Leipzig University

[Large Language Models for Bio-image Analysis](#)

10:00 **Jenifer Croce & Seb Schaub**, LBDV/Morpheme, Villefranche-sur-Mer, France

[Hyperspectral imaging: separating the “good” from the “bad” in fluorescence images](#)

10:30 **Damien Ambrosetti**, CHU, Nice

[To be announced](#)

10:45-11:15 **coffee break**

11:15 **Anca-Ioana Grapa**, ICR, London, UK

[Prognostic Quantitative Biomarkers in Histopathology Images: Exploring Tumor and Microenvironmental Spatial Heterogeneity](#)

12:00 **Emmanuel Bouilhol**, iBV, Nice, France

[To be announced](#)

12:15-14:00 **lunch - poster – exchange session**

## Session 2

Moderator :

14:00 **Guillaume Jacquemet**, Åbo Akademi University, Turku, Finland

[Studying cancer cell metastasis in the era of deep learning for microscopy](#)

14:45 **Frédéric Brau & Sylvain Feliciangeli**, IPMC, Valbonne, France

[To be announced](#)

15:15 **Thomas Boudier**, Morpheme, Sophia Antipolis, France

[Data Organization and Automation for Image Analysis](#)

15:45 **Frédéric Luton & Xavier Descombes**, IPMC/Morpheme, Valbonne/Sophia Antipolis

[Characterization of the basement membrane architecture through mathematical analyses of 3D images](#)

16:15-16:45 **coffee break**

**Session 3 (short talks)**

Moderator :

16:45 **Bianca Silva**, IPMC, Valbonne, France

[Whole-brain activity mapping by multiplexed immediate early genes analysis](#)

17:15 **Maximilian Furthauer**, iBV,Nice, France

[A live imaging-based screen of the Zebrafish Extracellular Vesicle/Particle secretome](#)

17:30 **Kevin Lebrigand**, IPMC, Valbonne, France

[Developments in spatial imaging-based transcriptomics](#)

**Conclusions**

17:45 Organizers