

Program

Tuesday, September 10th

13h00. Welcoming

Session 1. Advances in In vivo microscopy: photoacoustic, intra-vital microscopy, wave-front shaping.

14h. Thomas Chaigne (Institut Fresnel, Marseille, France) and Willy Supatto (Laboratoire d'optique et biosciences, Ecole Polytechnique, Paris, France)

15h40. 2 short talks (20min)

16h30. Coffee break

16h45. 3 short talks (20min)

Keynote lecture: Prof. Ricardo Henriques (Instituto Gulbenkian de Ciência, Oeiras, Portugal) (18h00)

19h00. Dinner on site

20h30. **Social event** at EVE (bar associatif étudiant; <https://www.eve-grenoble.fr>)

Wednesday, September 11th

Session 2. Probes, biosensors and optogenetics: from design to functional in vivo experiments

8h. Méloody Atkins (Institut la vision, Paris) and Morgane Rosendale (IINS, Bordeaux)

9h40. 2 short talks (20min)

10h30. Coffee break

10h45. 3 short talks (20min)

12h00. Lunch time + Posters

Session 3. From mechanobiology to organoids

14h00. Thomas Boudou (LiPhy, Grenoble, France) and Caterina Tomba (INL, Lyon, France)

15h40. 2 short talks (20min)

16h30. Coffee break

16h45. 3 short talks (20min)

19h00. **Social event:** dinner at “Clos des Marronniers”, 44 avenue Ambroise Croizat, Saint-Martin-d’Hères

Thursday, September 12th

Session 4. Diffusion at multiple scales: from measure to models

8h00. Olivier Ali (ENS, Lyon, France) and Cyril Favard (IRIM, Montpellier, France)

9h40. 2 short talks (20min)

10h30. Coffee break

10h45. 3 short talks (20min)

12h00. Lunch time + Posters

14h00. **Round tables**

Round table 1: Molecular dynamics

Round table 2: In vivo Imaging

End of conferences

Thursday, September 12th

16h00. **Workshops: 1st round**

19h00. Dinner for workshop attendees

Friday, September 13th

8h30. **Workshops: 2nd round**

10h30. **Workshops: 3rd round**

End of Rencontres du GDR IMABIO