

INVITED SPEAKERS



Lydia Danglot

NeurImag facility, Institut de Psychiatrie et Neurosciences de Paris, Inserm 1266, Université Paris Cité, Paris, France

Dr. Lydia Danglot is a cell biologist (Inserm CRHC) with a BSc in Biochemistry and a PhD in Neuroscience (Pierre & Marie Curie University) realized in the lab of Antoine Triller at Ecole Normale Supérieure Paris where she studied the formation of inhibitory synapses in hippocampal neurons. She focused on EGF receptors dynamics in cancers during her post-doc at the Institut Jacques Monod in the lab of Thierry Galli. She was recruited in 2010 as permanent Inserm researcher within the lab of Thierry Galli, where she led several projects focused on the trafficking of vesicular synaptic proteins during morphogenesis. She became Scientific Director of the NeurImag imaging facility at the Institut de Psychiatrie et Neurosciences de Paris (IPNP) in 2017 and received the National Research Premium Award PEDR in 2020. She developed super-resolution microscopy methods (SIM, STED and 3D-STORM) and segmentation software's to analyze the dynamics of membranes nanodomains and the geometry of synaptic complexes (Nature Comm 2018, 2022 and 2024). Lydia Danglot is part of the CNRS GDR Imabio, ICON Europe nanoscopy, and from French Club ExoEndocytose steering comities.

[Website](#)



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Charles Kervrann

Space-time imaging, artificial intelligence and computing for cellular and chemical biology (SAIRPICO) Team leader, Inria Center at University of Rennes and Cellular & Chemical Biology Unit, U1143 INSERM, UMR3666 CNRS, Institut Curie, PSL Research University, France

Charles Kervrann was appointed as Inria Research Director in 2010 (DR1 Inria in 2017), and is currently heading the Sairpico Project-Team (Inria Rennes, U1143 INSERM/UMR 3666 CNRS, Institut Curie, PSL University) jointly located in Rennes and Paris since April 1st, 2023. Previously, he was head of Serpico Project-Team (Inria, UMR 144 CNRS, Institut Curie, PSL University) (2018-2023). His research interests include mathematical and statistical methods for biological image processing. He focuses on image sequence analysis, motion estimation, object detection, noise modeling for microscopy and traffic, and dynamics modeling in cell biology.

[Website](#)



Laurent Limozin

Biophysics of immune recognition, Inserm, Marseille, France

Laurent Limozin is director of research at CNRS. His current research interests include molecular and cellular biophysics of immune recognition and immunotherapy, surface engineering and optical microscopy, micromanipulations, and advanced image analysis.

[Website](#)



Violette Thermes

Fish Physiology and Genomics Institute, UR 1037 INRAE, Rennes, France

Violette Thermes is Laboratory of Fish Physiology and Genomics (LPGP) deputy director, and Group leader of the Research Group "Sex, Oogenesis and Behavior". Violette Thermes received her undergraduate degree in cellular and molecular biology from the University of Paris (UPMC, France). She then joined the Erasmus Master Programme and moved to the university La Sapienza in Rome (Italie), where she received a master training in molecular biology. She then moved to the CNRS of Gif-sur-Yvette (France) and gained her PhD degree from the University of Paris-Sud, working on the embryonic fish brain. She then underwent a postdoctoral training at the Academia Sinica in Taipei (Taiwan), working on osmoregulatory cells developmental dynamics in fish, before joining the INRAE (National Research Institute for Agriculture, Food and the Environment) Fish Physiology and Genomics Institute (LPGP) in Rennes. She is now working on the ovary development in fish and the role of miRNAs.

[Website](#)



David Rousseau

Angers University, - Imaging for Horticulture and Phenotyping - ImHorPhen -Team leader, Angers, France

David Rousseau is a full professor at the Université d'Angers, where he heads the ImHorPhen bioimaging group. He develops image processing and analysis methods based on machine learning or not.

https://scholar.google.fr/citations?user=33IO_m4AAAAJ&hl=fr

[Website](#)



Bertrand Vernay

Coordinator RTmfmm Working Group MAIIA Light Microscopy Facility, IGBMC - CNRS UMR 7104 - Inserm U 1258, Illkirch, France

Bertrand Vernay leads the Photonic microscopy Platform at IGBMC, that offers access to state-of-the-art imaging techniques in optical microscopy and specialises in imaging dynamic life processes at the molecular, cellular and whole organism levels.

[Website](#)