

# International Scientific Committee LabEx PALM

February the 18<sup>th</sup>

Auditorium of "Institut d'Optique Graduate School" (IOGS)  
Campus Polytechnique - RD 128 2, avenue Augustin Fresnel 91127 PALAISEAU Cedex

Introduction of PALM LabEx	
08:40	Welcome coffee
09:00	Pierre PILLET (Coordinator of PALM): Introduction to PALM LabEx
09:35	Patricio LEBOEUF (UPSay): PALM within IDEX Campus Paris-Saclay and University Paris-Saclay
09:55	Alain ASPECT (LCF): An atomic Hong-Ou-Mandel experiment
10:30	Coffee break
Elementary quantum systems, correlated quantum systems (Topic 1)	
11:00	Chris WESTBROOK (LCF): Introduction to focus topic 1
11:10	Jean-Pascal RUEFF (SOLEIL) Advanced Photoemission Techniques for Complex Materials (APTCOM)
11:25	Andres SANTANDER-SYRO (CSNSM): Electronic structure of novel 2D electron gases in oxide surfaces and heterostructures (ELECTROX)
Higher Education (Topic 5)	
11:45	Julien BOBROFF (LPS): Introduction to focus topic 5
12:00	Lunch break
Posters session	
13:00	Patrick CHEINET, Karyn LE HUR, Benjamin ABECASSIS, Faris GELMUKHANOV, Stefan HAESSLER, Evangelos PAPALAZAROU, Priyanka SETH
Slow and Emergent Dynamics in Out-of-Equilibrium Systems (Topic 2)	
14:00	Daniel BONAMY (SPEC): Introduction to focus topic 2
14:10	Benjamin ABECASSIS (LPS): How soft matter turns hard close to soft interfaces: Approach to jammed states and emergence of mechanical properties (SOFT2HARD)
14:25	Lenka ZDEBOROVA (IPhT): Theory and Applications of Spatial Coupling: from nucleation towards better inference algorithms (TASC)
Ultrafast Dynamics: from radiation sources to multiscale response in matter (Topic 3)	
14:45	Marino MARSÌ (LPS): Introduction to focus topic 3
14:55	Patrick GEORGES (LCF): High repetition rate mid-IR few-cycle source based on optical parametric chirped pulse amplification (MIROPCPA)
15:10	Mickael GRECH (LULI): Simulation of Plasmas in Extreme Light (SIMPLE)
15:30	Coffee break
Emergence, Evolution, Rapid Reaction (Topic 4)	
16:00	Philippe RONCIN (ISMO): Introduction to focus topic Emergence
16:10	Amélie LEFORESTIER (LPS): Soft and Biological Matter cryoTEM (SOMATEM)
Innovation and technology transfer (Topic 5)	
16:25	Jérôme PRIMOT (DOTA): Introduction to focus topic Innovation
16:50	Uli SCHMIDHAMMER (LCP): Calibration and Signal Modelling of Single shot T-Ray for Industrial Product and Process control (CASIMO-Stripp)
<b>17:00</b>	<b>Consultation between International Scientific Committee members (Salle R1.6)</b>

February the 19<sup>th</sup>

Room Balmer & Liebermann (LAC)  
Laboratoire Aimé Cotton – Bâtiment 505 Campus d'Orsay 91405 ORSAY Cedex

Perspectives of PALM LabEx	
08:40	Welcome coffee
09:00	Presentation & discussions: review et perspectives
11:00	Coffee break
Consultation meeting	
11:30	Consultation between International Scientific Committee members
12:30	Lunch (separated lunch for CSI members & PALM members)
Conclusions	
14:00	Advices & synthesis

