



COLLOQUE – Friday, June 26th, 2026

Information Flow and Computation in Living Systems

Organisation : Thomas LECUIT, Chaire Dynamiques du vivant

PROGRAM - Amphithéâtre Maurice Halbwachs

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|-------|--|-------|--|
| 09:00 | Thomas Lecuit,
Collège de France
Welcome and introduction | 14:00 | Nicoletta Petridou,
European Molecular Biology Laboratory (EMBL),
Heidelberg, France
Timing, noise and collectives:
How the cell cycles shape the early embryo |
| 09:05 | Edouard Hannezo,
Institute of Science Technology Austria (ISTA),
Vienna, Austria
Is mechanics cooperative or competitive? | 14:45 | James Briscoe,
The Crick Institute, London, UK
The dynamics of neural tube development |
| 09:50 | Cornelia Schwayer,
Friedrich Miescher Institute for Biomedical Research
(FMI), Basel, Switzerland
Multiscale integration of cellular context and
chromatin states in tissue patterning | 15:30 | Break |
| 10:35 | Break | 16:00 | Mukund Thattai,
National Center for Biological
Sciences (NCBS), Bangalore, India
Affordance theory and the evolution of eukaryotic
endomembrane compartments |
| 11:05 | Stephanie Palmer,
University of Chicago, Chicago, USA
What to throw away?
How the brain makes efficient codes | 16:45 | Lorenzo Fontolan,
INMED and CPT, Turing Center
for Living Systems, Marseille, France
Do Neural Dynamics Explain How the Brain
Controls Behavior? |
| 11:50 | Thierry Mora,
École Normale Supérieure, Paris, France
Memory and prediction in the adaptive immune
system | 17:30 | Jordi Garcia-Ojalvo,
Universitat Pompeu Fabra, Barcelona, Spain
On the response of bacteria to complex
environments |
| 12:35 | Lunch Break | 18:15 | Conclusions |