

**LSC2026: Breakpoints across Biological Systems**  
Marilyn and James Simons Conference Centre @ IHES  
35 Rte de Chartres, 91440 Bures-sur-Yvette, FRANCE

Monday, June 22nd / <b>CARDIO DAY</b>		Tuesday, June 23rd		Wednesday, June 24th		Thursday, June 25th	
09:10-09:20	Registration						
09:20-09:30	Welcome						
09:30-11:00	<b>Michel Haïssaguerre</b> Hôpital Cardiologique du Haut-Lévêque (FR) <i>"Focal sources at the origin of complex cardiac fibrillation"</i>	09:30-10:45	<b>Uri Alon</b> Weizmann Institute of Science (IL) <i>"Math essence of aging, menopause and longevity"</i>	09:30-10:45	<b>Athanasios Mitsos</b> Pompeu Fabra University (ES) <i>"Organelle interdependencies underlie the sustenance and collapse of eukaryotic intracellular organization"</i>	09:30-10:45	<b>Jenny Reddish &amp; Daniel Kondor</b> Complexity Science Hub (AT) <i>"A quantitative perspective on 10,000 years of history: long-term trends and short-term breakpoints"</i>
11:00-11:30	Break	10:45-11:15	Break	10:45-11:15	Break & Group Photos (**)	10:45-12:30	Break
11:30-12:30	<b>Discussion</b>	11:15-12:30	<b>Manuel Thery</b> CEA / ESPCI, Institut Pierre-Gilles de Gennes (FR) <i>"Catastrophic collapses balance explosive growth to maintain cytoskeleton steady-state"</i>	11:15-12:30	<b>Nathalie Balaban</b> The Hebrew University in Jerusalem (IL) <i>"The archetypes of growth arrested cells"</i>	11:15-12:30	<b>Jenny Reddish &amp; Daniel Kondor</b> Continuation
12:30-14:00	Lunch	12:30-12:40	Junior Flash-Talks (*)	12:30-14:00	Lunch & Posters (*)	12:30-14:00	Lunch & Posters (*)
14:00-15:30	<b>Olivier Bernus</b> University of Bordeaux & IHU Liryc (FR) <i>"The role of microstructural remodeling in cardiac arrhythmias"</i>	12:40-14:10	Lunch & Posters (*)			14:00-15:15	Organization of LSC2027 & LSC2028 (All Invited)
15:30-16:30	<b>Discussion</b>						
16:30-	Informal Discussion / Breakout Short Lectures	14:10-	Informal Discussion / Unstructured Time	14:00-	Informal Discussion / Unstructured Time	15:15-	Informal Discussion / Unstructured Time

\*\* Participating in the group photo is optional. However, by doing so, you implicitly consent to its use on the website, social media or any other legitimate channel.

**CARDIO DAY - Discussants:**

**Guillaume Fleury**, American Hospital in Paris (FR), *Cardiac Pathologies*  
**Guillaume Coutance**, Assistance Publique Hôpitaux de Paris (FR), *Heart Failure and Heart Transplant*  
**Alexander Panfilov**, Ghent University (BE), *Cardiac Modelling*  
**Daniël Pijnappels**, Leiden University Medical Center (NL), *Synthetic biology in experimental cardiology*  
**Hubert Saleur**, Institute of Theoretical Physics (FR) & University of Southern California (US), *Statistical Physics*

**\* Junior Posters & Flash-Talks Presenters:**

**Julien Rosenberger**, INRIA Bordeaux (FR), *"A Grid to Map Exploration Strategies in Humans and Agents: a Computational Modelling Approach"*  
**Nicolas Yax**, INSERM, ENS-PSL & INRIA Bordeaux (FR), *"How LLMs learn to know what they know: a metacognitive tale of confidence and consistency"*