LSC2023: Evolution & Learning
Marilyn and James Simons Conference Centre (IHES, Bures-sur-Yvette)

Monday, June 26		Tuesday, June 27		Wednesday, June 28		Thursday, June 29		Friday, June 30	
09:00 - 09:15	Registration								
09:15 - 09:30	Welcome								
09:30 - 10:45	Philippe HUNEMANN *"Natural selection, adaptation and rationality: an evolutionary framework for thinking of cognition and agency"*	09:30 - 10:45	Paul RAINEY *"Scaffolding and the evolution of individuality"*	09:30 - 10:45	Eörs SZATHMÁRY *"Yin and yang: learning in evolution, evolution in learning"*	11:15 - 12:30	Rosalyn MORAN *"The free energy principle, a neurobiological AI?"*	09:30 - 12:00	Informal Discussion / Unstructured Time
10:45 - 11:15	Break	10:45 - 11:15	Break	10:45 - 11:15	Break	10:45 - 11:15	Break		
11:15 - 12:30	Puri LÓPEZ-GARCÍA *"Order and chaos in biological evolution"*	11:15 - 12:30	Itai YANAI *"Evolution and learning in Cancer"*	11:15 - 12:30	Steve FRANK *"Robustness and complexity"*	11:15 - 12:30	Dan JAROSZ *"Epigenetics beyond the chromosome: From molecules to ecosystems"*		
12:30 - 13:45	Lunch	12:30 - 13:45	Lunch	12:30 - 13:45	Lunch	12:30 - 13:45	Lunch		
13:45 - 15:00	Posters*	13:45 - 15:00	Posters*	13:45 - 15:00	Informal Discussion & Closing Remarks	13:45 -	Informal Discussion & Closing Remarks		
15:00 -	Informal Discussion / Unstructured Time	15:00 -	Informal Discussion / Unstructured Time	15:00 -	Future of LSC & LSC2024 Organization (All Invited)	17:00 -	**Public Lecture in French & Apero (IJM - Central Paris)** Pierre-Yves OUDEYER *"La curiosité: apprentissage, évolution et intelligence artificielle"*		

*Posters

Michael BARNETT *"How blind evolution evolves foresight"*
Anjali BHAT *"Psychedelics and hierarchical organisation in the brain"*
Dániel CZÉGEL *"Emergence of Darwinian evolution in Bayesian collectives"*
Aliaksandr DAMENIKAN *"Learning to ignore deceptive signals: pheromone habituation in budding yeast"*
Agathe DU CREST DE VILLENEUVE *"The ontological and epistemological stakes of generalizations of Darwinism in social sciences, especially regarding the evolution of sexual and gender characteristics"*
Solange HAAS *"How uncertainties in mathematical models influence public decisions for biodiversity conservation"*
Gautier HAMON *"Learning sensorimotor agency in cellular automata"*
Grégoire SERGEANT-PERTHUIS *"Optimization over presheaves"*
Adam YANAI *"Applications of artificial intelligence in creative problem solving"*