

Workshops and Tutorials - Monday

Time	Room 1 Luís de Freitas Branco	Room 2 Eugénio de Andrade	Room 8 Glicinia Quartin	Room 10 Amadeo de Souza-Cardoso	Room 11 Cottinelli Telmo	Room 12 Daciano da Costa	Room 13 Amália Rodrigues	Room 16 Vianna da Motta
09:00 - 10:30	Extending the Darwinian Framework: new levels of selection and inheritance	The Emergence of Social Behaviour: from cooperation to language	Daisyworld. Exploring the mechanisms of planetary homeostasis (DEMPH)	Social Learning in Embodied Agents	Liquid and Reaction Theory for Artificial Chemistry (LRTAC)	Dynamics of Learning Behavior and Neuromodulation	Dynamical Approaches to Development: beyond the metaphor	Music-AL
10:30 - 11:00	Coffee Break							
11:00 - 12:30	Alexandra Penn, Hywel Williams, Crisantha Fernando	Markus Waibel, Sara Mitri, Julien Hubert, Danesh Tarapor	James Dyke and Inman Harvey	Alberto Acerbi, Davide Marocco, Paul Vogt	Hideaki Suzuki	Eldan Goldenberg, Eduardo Izquierdo-Torres, Chris Buckley, Seth Bullock, Andrew Philippides	Alfredo Pereira, Adam Sheya, Rachel Wood	Eduardo Reck Miranda, João Martins, Qijun Zhang
12:30 - 14:00	Lunch							
14:00 - 15:30			Complex Adaptive Economic Systems		Simulation of Collective Intelligence (SCI)	Emergent Control in Embodied-Situated Agents using Recurrent Neural Networks (ECESA)		
15:30 - 16:00	Coffee Break							
16:00 - 17:00			Seth Bullock, Dave Cliff, Dan Ladley		Martijn Schut	Jorge Simão		
17:00 - 17:45	Break							
17:45 - 18:00	Break							
18:00 - 19:30	Opening Ceremony including Keynote Lecture by Dario Floreano (see main program for details)							
19:30 - 21:00	Room 4 Vitorino Nemésio and Terrace Welcome Cocktail Party							

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	Complex Adaptive Economic Systems

	Social Learning in Embodied Agents
	Liquid and Reaction Theory for Artificial Chemistry (LRTAC)
	Simulation of Collective Intelligence (SCI)
	Dynamics of Learning Behavior and Neuromodulation

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	Dynamical Approaches to Development: beyond the metaphor
	Music-AL
	Opening Ceremony (see main program for details) and Welcome Cocktail Party