

GMT+2 (Paris)	GMT+1 (London)	GMT+9 (Tokyo)	GMT-4 (New York)	Title
11:00	10:00	18:00	5:00	<i>Welcome organizers</i> <i>David Filliat (ENSTA), Tansu Celikel (Donders Inst.), Natalia Natalia Díaz-Rodríguez (ENSTA), Mohsen Kaboli (BMW), Pablo Lanillos (Donders Inst.)</i>
11:30	10:30	18:30	5:30	<b>Jun Tani</b> , OIST, Japan - <i>Cognitive Neurorobotics Study Using Predictive Coding and Active Inference Framework</i>
12:00	11:00	19:00	6:00	<b>Joni Dambre</b> , Ghent University, Belgium - <i>Integrating biological insights into practical AI: a pragmatic viewpoint.</i>
12:30	11:30	19:30	6:30	Interactive + Contribution 1, 2 and 9
13:00	12:00	20:00	7:00	<b>Manuel Lopes</b> , IST, Portugal
13:30	12:30	20:30	7:30	<b>Auke Ijspeert</b> , EPFL, Switzerland - <i>Controlling robots' locomotion with control architectures inspired from the spinal cord circuits of vertebrate animals</i>
14:00	13:00	21:00	8:00	Interactive + Contribution 3 and 4
14:30	13:30	21:30	8:30	<b>Mehdi Khamassi</b> , Sorbonne Univ., France - <i>Hippocampal replay through the lenses of reinforcement learning</i>
15:00	14:00	22:00	9:00	<b>Matthew Botvinick</b> , DeepMind / UCL, UK - <i>Dopamine function through the lens of distributional RL</i>
15:30	14:30	22:30	9:30	Interactive + Contribution 5 and 6
16:00	15:00	23:00	10:00	<b>Fumiya Iida</b> , Cambridge Univ., UK - <i>Embodied cognition in soft robotics: growing brain and soft deformable body</i>
16:30	15:30	23:30	10:30	<b>Ravinder Dahiya</b> , Glasgow Univ., UK - <i>Neural Transistors for computational Electronic Skin</i>
17:00	16:00	0:00	11:30	Interactive + Contribution 7 and 8
17:30	16:30	0:30	12:00	<i>Poster session</i>
18:00	17:00	1:00	12:30	<i>Closing</i>

## Contributions

1. Alex Pitti, Mathias Quoy, Sofiane Boucenna and Catherine Lavandier. Complementary Working Memories using Free-Energy Optimization for Learning Features and Structure in Sequences
2. Zhenduo Zhai and Ismail Akturk. Exploiting Refractory Period for Functional Multiplexing and Short-Term Memory in Spiking Neural Networks
3. Mohamed Baïoumy, Matías Mattamala and Nick Hawes. Variational Inference for Predictive and Reactive Controllers
4. Elnaz Soleimani, Abdelghani Chibani and Ghazaleh Khodabandehlou. Robust Semi-Supervised Adversarial Subject-Level Transfer Learning for Sensor-Based Human Activity Recognition
5. Cansu Sancaktar, Guillermo Oliver, Pablo Lanillos. Deep Active Inference for robot body perception and action
6. Adrien Bennetot, Vicky Charisi and Natalia Díaz-Rodríguez. Should artificial agents ask for help in human-robot collaborative problem-solving?
7. Zhicong Xian and Zhicong Xian. Making Sense of Touch: Unsupervised Shapelet Learning in Bag-of-words Sense
8. Ali Alqallaf and Gerardo Aragon-Camarasa. A Pilot Investigation of Robotic Self-Awareness
9. M. Yunus Seker, Erhan Oztop, Mete Tuluhan Akbulut, Minoru Asada, and Emre Ugur. Towards a Mirror Neuron System via Dual Channel Conditional Neural Movement Primitives