



all times in CEST timezone

9:00 - 9:15 Welcome

9:15 - 9:45 Keynote

Anjali Bath - *DishBrain and immunoception: Active inference at a biological interface*

9:45 - 10:30 Presentations

9:45 - 10:00 *Reclaiming saliency: rhythmic precision-modulated action and perception* - Filip Novicky, Ajith Meera, Thomas Parr, Karl Friston, Pablo Lanillos and Noor Sajid

10:00 - 10:15 *Preventing Deterioration of Classification Accuracy in Predictive Coding Networks* - Paul Kinghorn, Beren Millidge and Christopher Buckley

10:15 - 10:30 *Interpreting systems as solving POMDPs: a step towards a formal understanding of agency* - Martin Biehl and Nathaniel Virgo

10:30 - 11:00 Coffee break

11:00 - 12:30 Presentations

11:00 - 11:15 *Disentangling Shape and Pose for Object-Centric Deep Active Inference Models* - Stefano Ferraro, Toon Van de Maele, Pietro Mazzaglia, Tim Verbelen and Bart Dhoedt

11:15 - 11:30 *Object-based Active Inference* - Ruben van Bergen and Pablo Lanillos

11:30 - 11:45 *Knitting a Markov blanket is hard when you are out-of-equilibrium: two examples in canonical nonequilibrium models* - Miguel Aguilera, Ángel Poc-López, Conor Heins and Christopher L Buckley

Short break

12:00 - 12:15 *Spin glass systems as collective active inference* - Conor Heins, Brennan Klein, Daphne Demekas, Miguel Aguilera and Christopher Buckley

12:15 - 12:30 *Mapping Husserlian phenomenology onto active inference* - Mahault Albarracin, Riddhi J Pitliya and Maxwell Ramstead

12:30 - 13:00 Poster spotlights

13:00 - 14:30 Lunch break

14:30 - 16:30 Poster session

Posters

1. *The Role of Valence and Meta-awareness in Mirror Self-recognition Using Hierarchical Active Inference*
Jonathan Bauermeister and Pablo Lanillos
2. *World model learning from demonstrations with active inference: application to driving behavior*
Ran Wei, Alfredo Garcia, Anthony McDonald, Gustav Markkula, Johan Engstrom, Isaac Supeene and Matthew O'Kelly
3. *Active Blockference: cadCAD with Active Inference for cognitive systems modeling*
Jakub Smékal, Arhan Choudhury, Amit K. Singh, Shady El Damaty and Daniel A. Friedman
4. *Active Inference Successor Representations*
Beren Millidge and Christopher Buckley
5. *Learning Policies for Continuous Control via Transition Models*
Justus Huebotter, Serge Thill, Marcel van Gerven and Pablo Lanillos
6. *Attachment Theory in an Active Inference Framework: How Does Our Inner Model Take Shape?*
Erica Santaguida and Massimo Bergamasco
7. *Capsule Networks as Generative Models*
Alex Kiefer, Beren Millidge, Alexander Tschantz and Christopher Buckley
8. *Home run: finding your way home by imagining trajectories*
Daria de Tinguy, Pietro Mazzaglia, Tim Verbelen and Bart Dhoedt
9. *A Novel Model for Novelty: Modeling the Emergence of Innovation from Cumulative Culture.*
Natalie Kastel
10. *Active Inference and Psychology of Expectations: A study of formalizing ViolEx*
Dhanaraaj Raghuveer and Dominik Endres
11. *AIXI, FEP-AI, and integrated world models: Towards a unified understanding of intelligence and consciousness*
Adam Safron
12. *Intention Modulation for Multi-Step Tasks in Continuous Time Active Inference*
Matteo Priorelli and Ivilin Peev Stoianov
13. *Learning Generative Models for Active Inference using Tensor Networks*
Samuel Wauthier, Bram Vanhecke, Tim Verbelen and Bart Dhoedt
14. *A Worked Example of the Bayesian Mechanics of Classical Objects*
Dalton A R Sakthivadivel
15. *A message passing perspective on planning under Active Inference*
Magnus T. Koudahl, Christopher L. Buckley and Bert de Vries
16. *Efficient search of active inference policy spaces using K-means*
Alex Kiefer and Mahault Albarracin
17. *Value Cores for Inner and Outer Alignment: Simulating Personality Formation via Iterated Policy Selection and Preference Learning with Self-World Modeling Active Inference Agents*
Zahra Sheikhabaee, Adam Safron, Nick Hay, Jeff Orchard and Jesse Hoey
18. *Deriving time-averaged active inference from control principles*
Eli Sennesh, Jordan Theriault, Jan-Willem van de Meent, Lisa Barrett and Karen Quigley