第8回 人間知・脳・AIセミナー

CHAIN Academic Seminar ＃8

Dr. Manuel Baltieri & Dr. Aurelio Cortese 講演会

Active inference for cognitive science and artificial intelligence: open questions and new challenges

Dr. Manuel Baltieri

RIKEN Center for Brain Science (CBS)

Manuel is a postdoctral research fellow at the Lab for Neural Computation and Adaptation, RIKEN Center for Brain Science (CBS). He specialises in computational modelling for Artificial Intelligence/Life and Theoretical/Cognitive Neuroscience. His goal is to investigate new approaches and theories of intelligence, cognition and behaviour with applications to robotics, psychology and biology among others. In his work, he uses Bayesian (active) inference methods and (stochastic) optimal control tools, applying theories of estimation and control to the study of biological, cognitive and artificial agents.

Neural mediators of abstraction in human learning

Dr. Aurelio Cortese

Advanced Telecommunications Research Institute International (ATR)

Aurelio is a senior researcher at the Computational Neuroscience Labs at ATR, where he works as a principal investigator for the ERATO-Ikegaya Brain-AI Hybrid project. He mainly works with fMRI, specializing in real-time close-loop designs (neurofeedback), human learning, decision-making, and metacognition. In his work, he combines the use of psychophysics, decision-making and learning tasks with fMRI recording and machine learning approaches to investigate the neural foundation of flexible behaviors in humans.

日時：2020年1月7日(火) 14:00-16:00

Date/Time: January 7, 2020, 14:00-16:00

Abstracts →

場所：北海道大学 人文・社会科学総合教育研究棟 W308 室

Venue: W308, Humanities and Social Sciences Classroom Buildings, Hokkaido University

言語：英語 Language: English

This workshop is organized by the Center for Human Nature, Artificial Intelligence and Neuroscience (CHAIN)

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