

Wednesday November, 26th 2014

08:30-09:15 Registration
09:15-09:30 Welcome to AIC 2014

09:30-12:25 **Session 1**

09:30-10:50 Invited talk - Aaron Sloman. *How can we reduce the gulf between artificial and natural intelligence?*

10:50-11:20 [11] Samer Schaat, Matthias Huber, Klaus Doblhammer and Dietmar Dietrich: *An Interdisciplinary Approach for a Holistic and Embodied Emotion Model in Humanoid Agents*

11:20-11:40 Coffee Break

11:40-12:10 [7] John Licato, Ron Sun and Selmer Bringsjord: *Using Meta-Cognition for Regulating Explanatory Quality Through a Cognitive Architecture*

12:10-12:25 [32] Agnese Augello, Salvatore Gaglio, Gianluigi Oliveri and Giovanni Pilato: *Mathematical Patterns and Cognitive Architectures*

12:25-14:00 **Lunch break**

14:00-16:00 **Session 2**

14:00-14:30 [21] Gareth Miles: *Revisiting Interacting Subsystems Accounts of Cognitive Architecture: The Emergence of Control and Complexity in an Algebra Task*

14:30-15:00 [12] Alessio Plebe: *Biologically Plausible Modelling of Morality*

15:00-15:30 [26] Jack Birner: *How Artificial is Intelligence in AI? Arguments for a Non-discriminatory Turing test*

15:30-15:50 Coffee break

15:50-16:50 Invited talk - Diego Marconi. *Work on the dual structure of lexical semantic competence*

17:00-17:45 **Session 3**

17:00-17:30 [19] Gábor Gosztolya: *On the Concept of Correct Hits in Spoken Term Detection*

17:30-17:45 [29] Sreenivas Sremath Tirumala: *Implementation of Evolutionary Algorithms for Deep Architectures*

Thursday November, 27th 2014

08:30-09:30 Registration

09:30-11:30 **Session 4**

09:30-10:30 Invited talk - Giulio Sandini. *Brain for Robots*
10:30-11:00 [25] Miriam Buonamente, Haris Dindo and
Magnus Johnsson: *Action Recognition based on Hierarchical Self-Organizing Maps*
11:00-11:15 [22] Amit Kumar Pandey, Rodolphe Gelin, Rachid
Alami, Axel Buendia, Mohamed Chetouani, Laurence Devillers, David Filliat, Yves
Grenier, Abderrahmane Kheddar, Frederic Lerasle, Mounira Maazaoui, Roland
Meertens and Renaud Viry: *Romeo2 Project: Humanoid Robot Assistant and
Companion for Everyday Life: I. Situation Assessment for Social Intelligence*

11:15-11:40 Coffee Break

11:40-12:10 [27] Ercin Temel, Beata Joanna Grzyb and Sanem
Sariel: *Learning Graspability of Unknown Objects via Intrinsic Motivation*
12:10-12:25 [9] Amin Karami and Manel Guerrero-Zapata:
*Mining and Visualizing Uncertain Data Objects and Named Data Networking Traffics
by Fuzzy Self-Organizing Map*

12:25-14:00 **Lunch break**

14:00-15:15 **Session 5**

14:00-14:30 Maria Hedblom, Oliver Kutz and Fabian Neuhaus:
*On the cognitive and logical role of image schemas in computational conceptual
blending*

14:30-15:00 [5] Clayton Peterson: *Monoidal logics: How to avoid
paradoxes*

15:00-15:15 [13] Nir Fresco: *Information for Cognitive Agents*

15:15-15:40 Coffee Break

15:40-17:00 **Discussions:** AI and Cognitive Science 2015