

AIC 2016 Program

4th International Workshop on Artificial Intelligence and Cognition

Saturday July 16th 2016

09:00–12:30 – Registration

14:00–14:00 – Welcome to AIC 2016

SESSION 1 14:00–15:25

14:00–15:00 **Keynote talk – Alfio Gliozzo, IBM Research. TBA**

15:00–15:25 Loizos Michael: “Cognitive Reasoning and Learning Mechanisms”

15:25–15:40 Coffee Break

SESSION 2 15:40–16:40

15:40–16:05 Rafal Rzepka, Keita Mitsuhashi and Kenji Araki: “Avoiding Green and Colorless Ideas – Text–based Color–Related Knowledge Acquisition for Better Image Understanding”

16:05–16:30 Filippo Domaneschi, Marcello Passarelli and Carlo Chiorri: “Facial Expressions and Speech Acts”

16:30 – 16:45 Valerio Basile, Elena Cabrio, Serena Villata, Claude Frasson and Fabien Gandon: “A Pragma–Semantic Analysis of the Emotion/ Sentiment Relation in Debates”

16:45–17:00 Coffee break

SESSION 3 17:00–18:05

17:00–17:25 Eleonora Ceccaldi, Cristina Battaglini, Rossana Damiano, Valentina Galetto and Marina Zettin: “Modeling emotion understanding in stories: insights from traumatic brain injured patients”

17:25–17:45: Péter Érdi: “The brain–mind–computer trichotomy: hermeneutic approach”

17:40–18:00: Mario Villalobos and Joe Dewhurst: “Computationalism, Enactivism, and Cognition”

Sunday, July 17th 2016

09:00–10:00 **Joint Keynote HLAI/NeSy/AIC talk – Gary Marcus, New York University, USA.**

10:00–10:20 Coffee break

SESSION 1 10:15–11:30

10:15–10:40 Edward Golob, Kristen Brent Venable, Maxwell Anderson, Jesse Benzell and Jaelle Scheuerman “Modelling auditory spatial attention with constraints”.

10:40–11:05: Daniela Pacella, Michela Ponticorvo, Onofrio Gigliotta and Orazio Miglino “A Computational Model of the Evolution of Threat Sensitivity and Risk Allocation in Case of Temporal Variation of Danger”.

11:05–11:30 Frederik Harder and Tarek Richard Besold: “An Approach to Supervised Learning of Three-Valued Lukasiewicz Logic in Hölldobler's Core Method”.

SESSION 2 11:30–13:00

11:30–11:55 Ahmed M. H. Abdel-Fattah, Wael Zakaria, Nashwa Abdelghaffar, Nohayr Abdelmoneim, Stefan Schneider and Kai-Uwe Kühnberger: “A Preliminary Assessment of Conceptual Salience for Automatic Sketching”

11:55–12:10 Mauri Kaipainen and Antti Hautamäki: “Analysis and synthesis with a three-component inferential system: Augmenting the explanatory scope of Conceptual Spaces”

12:10–12:25 –: Agnese Augello, Gianluigi Oliveri, Giovanni Pilato and Salvatore Gaglio: “On Representing Concepts in High–dimensional Linear Spaces”

12:25–12:40 – Joshua Brule: “The Computational Power of Dynamic Bayesian Networks”

12:40–12:45 Conclusions and AIC 2017