

AISC 2018 – The New Era of **Artificial Intelligence**: a cognitive perspective

Programma

Lunedì 17 Dicembre			
	SALA DEL CAMINO	AULA 1-14	AULA 1-15
14.30	Sala del Camino Sessione Plenaria: Marcello Massimini (<i>neurophysiology and consciousness - TBA</i>)		
15.45	coffee break		
16.00	Elisabetta Gola: <i>New brain/intelligence modelling: which (new) metaphors for the mind?</i>		
16.30	Alessio Plebe: <i>Wintertime Adaptation</i>	Francesco Gagliardi : <i>Un modello induttivo-analogico della diagnosi nosologica</i>	Roberto Prevete, Andrea Apicella, Francesco Isgrò and Guglielmo Tamburrini <i>Explaining the behavior of learning classification systems: a black-box approach</i>
17.00	Steven S. Gouveia: <i>Can the Human Brain be replicated?</i>	Antonio Lieto and Gian Luca Pozzato <i>Composing Prototypes by Coupling a Non monotonic Description Logic with Probabilities and Cognitive Heuristics</i>	Orazio Miglino, Massimiliano Schembri, Antonio Cerrato and Michela Ponticorvo <i>Playing with physical and digital cards to enhance numerical cognition in children</i>
17.30	break		
17.45	Sala del Camino Sessione Plenaria Alfredo Paternoster: <i>Cognitive Science and the No-content views</i>		

	Martedì 18 Dicembre		
	SALA DEL CAMINO	AULA 1-14	AULA 1-15
9.00	Sala del Camino Sessione plenaria Maria Rita Manzini: <i>Breaking symmetry, locality and externalization</i>		
10.15	coffee break		
10.30	Aurora De Bortoli Vizioli, Anna Maria Borghi and Luca Tummolini : <i>The extended bodily self and the incorporation of personal property</i>	Filippo Domaneschi and Diana Mazzarella: <i>Ad hoc presupposition construction</i>	Amitash Ojha and Elisabetta Gola: <i>A cognitive model to understand emotions</i>
11.00	Gabriele Ferretti: <i>The Motoric Component of Pictorial Experience</i>	Fabrizio Calzavarini : <i>Levels of conceptual format: the challenge of supramodality</i>	Gianluca Consoli: <i>Sviluppare l'intelligenza emotiva tramite la finzione. Il ruolo delle emozioni estetiche</i>
11.30	break		
11.45	Sara Dellantonio, Luigi Pastore and Claudio Mulatti: <i>Paranormal beliefs? A matter of core knowledge confusion (that can be simulated by a computational model</i>	Caterina Villani, Luisa Lugli, Fabrizio Campanile, Marco Tullio Luizza and Anna Maria Borghi : <i>Linguistic, social and interoceptive experiences during the processing of abstract concepts.</i>	Antonio Lieto: <i>DELTA: A Unifying Categorization Algorithm Integrating Prototypes, Exemplars and Theory-Theory Representations and Mechanisms</i>
12.15	Fabio Paglieri: <i>Fake news about fake news: a socio-cognitive perspective on four myths of online disinformation</i>	Francesca Beraldi, Gloria Gagliardi and Milvia Innocenti: <i>Abilità narrative nei bambini con DSL in età prescolare: un'analisi dei comportamenti linguistici e non-verbali nei compiti di retelling</i>	Federico Chesani, Elisa Gambetti, Fiorella Giusberti, Daniela Loreti and Paola Mello <i>Solving Mathematical puzzles: the viewpoints of Artificial Intelligence and Psychological Cognitive Science</i>
14.30	Sala del Camino – Sessione plenaria Gabriella Vigliocco : <i>A multimodal approach to language learning and processing</i>		
15.45	coffee break		
16.00	Valentina Persici, Natale Stucchi and Fabrizio Arosio : <i>Rhythmic and Morphosyntactic predictions: The anticipation skills of Italian children with developmental dyslexia</i>	Silvia Felletti, Paolo Pagliuca, Alessandro Sapienza and Daniele Vilone <i>Symposium: On the use of agent-based simulation for cognitive science</i>	Francesco Ellia: <i>Francis Crick and the Hard Problem of Consciousness</i>

16.30	Fabrizio Calzavarini and Antonio Lieto : <i>The computational modelling of inferential and referential lexical competence: a critical review</i>		Marco Viola : <i>Cognitive functions and neural structures: population-bounded mappings</i>
17.00	Poster session and coffee break		
17.30	Sala del Camino – Sessione plenaria : Charles Yang : <i>Counting to Infinity</i>		
18.45	Assemblea Soci AISC		
20.30	Cena sociale presso Locanda del Carmine, Piazza del Carmine, Pavia		
	Mercoledì 19 Dicembre		
	SALA DEL CAMINO	AULA 1-14	AULA 1-15
9.00	Sala del Camino – Sessione plenaria Roberto Zamparelli : <i>Linguistics through the looking glass</i>		
10.15	coffee break		
10.30	Stefano Tiso and Stefano Nolfi <i>The effects of stochastic environmental variations on evolutionary adaptation and developmental memory</i>	Nicole Dalia Cilia, Claudio De Stefano, Francesco Fontanella and Alessandra Scotto Di Freca : <i>Handwriting e Machine Learning come strumenti al supporto della diagnosi di Alzheimer</i>	Hasse Hämäläinen : <i>Moral Action Recognition: A Challenge for Artificial Moral Cognition</i>
11.00	Cinzia Di Dio, Federico Manzi, Shoji Itakura, Takayuki Kanda, Hiroshi Ishiguro, Davide Massaro and Antonella Marchetti : <i>Evaluating fairness in 5-year-old children in a Child-Robot Interaction</i>	Emiliano Loria : <i>Dalla pedagogia naturale alla pedagogia robotica</i>	Marco Fasoli : <i>Beyond technological instrumentalism</i>
11.30	Gabriella Airenti : <i>Development in the future of Cognitive Science</i>	Antonio Lieto and Francesco Vittorio Rebuffo : <i>Mappe concettuali vs ontologie. Un confronto sull'utilizzo di strumenti informatici per la didattica della storia e della filosofia</i>	Teresa Numerico : <i>Are AI machine learning algorithms applied to text analysis enhancing prejudices? A critical discussion</i>
12.00	coffee break		
12.15	Sala del Camino – Sessione plenaria Silvestro Micera : <i>NeuroBionics: connecting artificial devices with the human nervous system</i>		