



ecap09

Conference Programme

Rooms

Yellow: Auditori

Gray: Sala de Graus

Blue: Sala de Junes

Tracks

- TR1** Philosophy of Information: Patrick Allo
- TR2** Philosophy of Computer Science: Raymond Turner.
- TR3** Computer and Information Ethics: Johnny Søraker and Alison Adam
- TR4** Computational Approaches to the Mind: Ruth Hagengruber
- TR5** IT and Cultural Diversity: Jutta weber, Charles Ess and Doris Allhutter
- TR6** Crossroads: David Casacuberta
- TR7** Robotics, AI & Ambient Intelligence: Thomas Roth-Berghofer and Uwe Riss
- TR8** Biocomputing, Evolutionary and Complex Systems: Gordana Dodig-Crnkovic & Søren Brier
- TR9** E-learning, E-science and Computer-Supported Cooperative Work: Annamaria Carusi and Matteo Turilli
- TR10** Technological Singularity and Acceleration Studies: Amnon Eden

NOTE: due to space limitations all the papers are only listed with the first author's name.

Coffee Breaks: will be served 5 free and complete coffee breaks (coffee, tea, pastries, drinks,...)

Short Breaks: at every short break will be served fresh drinks and biscuits.

Lunch: every attendant has two free self-service Lunches at Restaurant de la Plaça Cívica. You'll need one ticket for every lunch, which will be provided by the Organization.

July 2nd, 2009			
08:30-12:00 Registration			
08:50-09:00	Opening by Jordi Vallverdú, Conference Chair		
09:00-10:00	IACAP Presidential Address: Luciano Floridi, <i>How to Upgrade Information to Knowledge</i>		
10:00-11:00	Keynote speaker: Klaus Mainzer, <i>Challenges of Complexity in Cognitive and Computational Systems</i>		
11:00-11:20	Coffee break		
11:20-11:40	TR1 On the ontological status of information, Georgy Ishmaev	TR2 The Meaning of Digital Objects, Yuk Hui	TR5 From ICT to Digital Niche Construction: Evolutionary Reflections on the Cultural Underpinnings of Computer-Mediated Practices, Omar Rosas
11:40-12:00	TR1 Relationship between the Concepts of a State, System and Information in the Perspective of Information Integration, Marcin J. Schroeder	TR2 A Vindication of Program Verification, Selmer Bringsjord	TR5 New Media Technology, the Good and Modernity, Pak Hang WONG
12:00-12:20	TR1 Language understanding as dynamic process: new perspective on dialogue systems at the crossroads between dynamic logic and type-theoretical semantics, DUILIO D'ALFONSO	TR2 Using Speech Act theory to Analyse Activities in the Software Development Process, Paul Wernick	TR5 'Deconstructive Design' as Trading Zones, Doris Allhutter
12:20-12:30	Short Break		
12:30-12:50	TR1 Identity in the Real World, Matteo Casu	TR2 On the meaning of decidability issues in dependent types for the problem of output correctness, Giuseppe Primiero	TR6 From Stit to Metric Possible Choices, Roberto Ciuni
12:50-13:10	TR1 Epistemic Causality and its Relevance to the Philosophy of Information, Christoph Schulz	TR2 Computing Beyond Turing Machine Model, Gordana Dodig Crnkovic	TR6 Emerging Consciousness and Schizophrenic Byproducts in Humanoid Robots, Kayoko ISHII
13:10-13:30	TR1 Negative Information and Informational Asymmetry, Sebastian Sequoiah-Grayson		TR6 A Constructive Mathematics approach for Natural Language formal grammars, Federico Gobbo
13:30-15:00	LUNCH		
15:00-16:00	Keynote speaker: Kevin Warwick, <i>What it is like to be a robot?</i>		
16:00-16:10	Short Break		
16:10-16:30	TR1 Identity, Predication and Consistency, Francisco Salto	TR2 Computational Space, Time And Quantum Mechanics, Michael Nicolaidis	TR6 New Geography of Design, Daniel Cardoso
16:30-16:50	TR1 The concept of quantum information: a physical approach, Graziana Conte	TR2 Emergence Of Lorentz Space-Time Properties In A Computational Universe, Michael Nicolaidis	TR6 Regimes of Information: A Polity Model, Hamid Ekbia
16:50-17:10	TR1 Taking Interaction Ontologically Prior to Meaning, Marco Schorlemmer	TR2 Toward The "Strongest Possible" Theory Of Reality, Joseph Brenner	TR6 Computer Ontologies and Philosophical Ontologies: from Ontology to Metaontology, Alexandre Monnin

17:10-17:30	Coffee break		
17:30-17:50	TR1 Applying Lakatos-style reasoning to AI domains, Alison Pease	TR2 Is understanding over-rated?, Huma Shah	TR6 Functions and artifacts: a space for user's capabilities, Federico Pitto
17:50-18:10	TR1 An Argumentation Approach to Vagueness, Allan Third	TR2 Meeting stakeholder expectations of software, or looking for the 'Black Swan' in software requirements, Lindsay Smith	TR6 The Translation Game, Federico Gobbo
18:10-18:30	TR1 Philosophy and Ethics of Grid Computing, Abdulrahman Azab		TR6 Towards a New Artificial Intelligence Paradigm, Rafael Lahoz
18:30-18:40	Short Break		
18:40-19:00	TR1 Understanding Logical Epistemology, Patrick Allo	TR2 Limitations of the Philosophy of Language Understanding Implicit in Computational Linguistics, Graeme Hirst	TR6 On World Modelling Systems, Dave Cochran
19:00-19:20	TR1 Experimental Information And Experimental Knowledge, Jaume Agusti-Cullell	TR2 Model Checking and Models in Science, Nicola Angius	TR6 From objectual to interactive art: Net.Art, Videogames and Artificial Creativity, Marisol Salanova
19:20-19:40	TR1 Information Carrying Relations: Transitive or Non-Transitive, Hilmi Demir	TR2 Multi-Agent Based Social Simulation: Some Notes for an Epistemological Debate, Francisco J. Miguel Quesada	

July 3rd, 2009

9:00-10:00	Keynote speaker: Raymond Turner, <i>Syntax and Semantics</i>		
10-10:20	TR1 Revisited: a Computational Account of the Notion of Truth, David Davenport	TR2 Finitism in Metamathematics, Claus Akira Horodyski-Matsushigue	TR7 Robot Anthropology: Robots as Hermeneutic Devices for Defining the Human, Mark Coeckelbergh
10:20-10:40	TR3 Judging the Web: "Good" and/or "Bad?" A Pragmatist Approach, Yoni Van Den Eede	TR2 Knowledge, Truth, and Values in Computer Science, Timothy Colburn	TR7 Towards a New Artificial Intelligence Paradigm: The Triune Conception of Mind, Rafael Lahoz-Beltra
10:40-11:00	TR3 Applied ethics in engineering schools, Josep M. Basart		TR7 Ambient Intelligence a modern Technology, Cecile Crutzen
11:00-11:20	Coffee Break		
11:20-11:40	TR3 Interaction Overload: Friendship, Youth Culture, and New Media, Adam Briggie	TR2 Mechanical Computation vs. Computation, Vincent C. Müller	TR7 Scientific discovery of itself by a robot assisted by an human, Eric Bourreau
11:40-12:00	TR3 The virtue of laziness in the unprecedented age of automation and information: Virtue ethics reconsidered, Danny Weston	TR2 History and Future of Logic and Inconsistency in Philosophy and Computing, Hendrik Decker	TR7 Semiosis and the Relevance of Context for the Aml Environment, Albert Ali Salah
12:00-12:20	TR3 History And Meta Task Responsibilities, Nicole Vincent	TR2 Post's and Zuse's forgotten ideas in the philosophy of computer science, Liesbeth De Mol	
12:20-12:30	Short Break		
12:30-12:50	TR3 Wisdom on the Line: Understating the Role of Online Information in the Good Life, Edward Howlett Spence	TR2 An Elementary Proof of Gödel's Incompleteness Theorem, Rainhard Bengez	TR7 Where Am I and Who Are You? Coping With Ambient Intelligence, Hajo Greif
12:50-13:10	TR3 On Ethical Problems in Semantic Web, Tomasz Wlodarczyk	TR2 Computer simulations and traditional experimentation: from a material point of view, Juan Manuel Durán	TR7 Target Selection and Engagement in Automated Warfare: Computational Problems in Moving from Non-civilian to Civilian Theaters, Marcello Guarini
13:10-13:30	TR3 Autonomous robots and the problem of the social border. Toward a deanthropologized concept of personhood, Hironori Matsuzaki	TR2 A Cognitive Software Infrastructure Based on Time Perception, Mauro Mattos	
13:30-15:00	LUNCH		
15:00-16:00	Keynote speaker: Francesc Subirada, <i>Supercomputing, virtual reality and some questions</i>		
16:00-16:10	Short Break		
16:10-16:30	TR3 The Ethics of Information Transparency, Matteo Turilli	TR2 Modern computers, postmodern Internet, László Ropolyi	TR7 Why AI and Robotics are Going Nowhere Fast, Antoni Diller
16:30-16:50	TR3 Computational Meta-Ethics: Towards the Meta-Ethical Robot, Gert-Jan C. Lokhorst	TR2 Computer science meets evolutionary biology: pure possible processes and the issue of gradualism, Philippe Huneman	TR8 Biological Information as Natural Computation, Gordana Dodig Crnkovic
16:50-17:10	TR3 Data protection and privacy: reconstruction of spheres of access,	TR2 Exputation: determinism lost, determinism refund! Deniz Sener	TR8 Authentic Intentionality. A Path along Neurocomputationalism,

	Jeroen van den Hoven		Matteo Colombo
17:10-17:30	Coffee break		
17:30-17:50	TR3 The Proper Role of Information Technology in a Good Society, Philip Brey	TR4 Logic and Abstraction as Capabilities of the Mind, Uwe Riss	TR8 Collective Foraging Vs Distributed Foraging Dilemma in Evolutionary Robotics Framework: An Embodied and Situated Implementation of PSO (Particle Swarm Optimization) Algorithm, Marco Campenni
17:50-18:10	TR3 Decision Fusion Infrastructure for Procedural Ethics, Sabah Al-Fedaghi	TR4 Computational Metaphors of The Mind and Brain, Susanne Lettow	TR8 Ontology of information, Wolfgang Hofkirchner
18:10-18:30		TR4 The Explanatory Role of Computational Models in Cognitive Neuroscience, Catherine Stinson	TR8 Cybersemiotics and the Question of Knowledge, Soren Brier
18:30-18:40	Short Break		
18:40-19:00		TR4 Action Theory in dynamic Knowledge Spaces, Thomas Dasch	TR8 Information in the brain, and second order theories, Alessio Plebe
19:00-20:00	Personal time before being picked up for the Gala Dinner		
	GALA DINNER		

July 4th, 2009

10:00-11:00	Keynote speaker: Roderic Guigó, <i>Computing Life: the Convergence of Biology and Computation</i>		
11:00-11:20	Coffee break		
11:20-11:40	TR9 Silk Roads in the Digital Era (SilkRoDE): A Knowledge Perspective, Alessandro Mosca	TR4 Learning the Basics of Learning, Béla Nagy	TR10 Introduction to the of Track, Amnon Eden.
11:40-12:00	TR9 Modeling Deductive Pattern Matching via a Complex Adaptive System, Marvin Croy	TR4 The elastic mind, Lars-Erik Janlert	TR10 Evolved altruism, ethical complexity, anthropomorphic trust: three factors misleading estimates of the safety of artificial general intelligence, Kaj Sotala
12:00-12:20	TR9 Teaching formal logic by computer, Konstantine Arkoudas	TR4 Recursion, Computer Science and Cognitive Science, David James Lobina	TR10 Changing the frame of AI futurism: From story-telling to heavy-tailed, high-dimensional probability distributions, Stephen Rayhawk
12:20-12:30	Short Break		
12:30-12:50	TR9 A Logical Platform for Science, Technology and Ethic Debates, Dominique Luzeaux	TR4 Has the Grounding Problem Been Solved Through Interaction Robotics?, Vincent C. Müller	TR10 Arms Control and Intelligence Explosions, Carl Shulman
12:50-13:10	TR9 Two Scholarly Web-Agoras: The LogiLogi and Talia/Philospace Approaches, Wybo Wiersma	TR4 Life, death, and resurrection of the Homeostat, Stefano Franchi	TR10 Technological Singularity as Upgrading/Degrading Continuity, Johnny Hartz Søraker
13:10-13:30	TR9 Science and E-commons, Luc Schneider	TR4 Computers, Brains and Minds: Where are the ghosts within the machines?, Anja Stemme	TR10 Human Enhancement and the Intelligence Explosion, Amnon Eden
13:30-13:50			
13:50-14:20	CLOSURE words by: ECAP president: Philip Brey		