

INTERNATIONAL ASSOCIATION FOR COMPUTING AND PHILOSOPHY (IACAP) 2013 CONFERENCE PROGRAM

Welcome to IACAP 2013!

This year we have organized most of our events into three tracks:

- **Machines and Mentality** (sessions indicated with an **integrated circuit** background, like this page),
- **Information & Computing Ethics** (sessions indicated with a **solid grey** background), and
- **Computing in Philosophy** (sessions indicated with a **solid white** background).

Each track is made up of a combination of (a) refereed papers originating from the open call for papers, and (b) organized symposia made up of refereed or invited papers.

As well as the preceding, we have 4 keynote addresses. They are scheduled so that all can attend.

The conference will get underway bright and early with an 8:30 welcome address on July 15. The president of IACAP, Anthony Beavers, will welcome delegates, summarize events of the past year, and discuss future events.

Each meeting room is assigned one or two chairs for the day. As well as making introductions, the room chairs are there to answer any questions you may have and otherwise facilitate the presentation and discussion of research.

Keynote addresses and lunch will be held in the Ballroom.

Please note: your registration fee covers breakfast, lunch, and break refreshments for each of the three days of the conference. It also includes membership in IACAP for one year.

All members are entitled to vote in IACAP elections, which will be held by the end of this July. The positions of President, Membership and Promotions Coordinator, Treasurer, Director of the Society for Machines and Mentality, and Member at Large are all up for election. Also, we will solicit applications for the appointed position of technical director (who manages the IACAP website, communications, and the like). We encourage all members to participate in the nomination and election process. More details will be available at the presidential welcome address on July 15. For more information about the nomination and election process, or to nominate someone for one of the aforementioned positions, please contact the IACAP Executive Director, Marcello Guarini, at mguarini@uwindsor.ca.

We hope you enjoy this year's conference and look forward to seeing as many of you as possible at next year's conference in Thessaloniki, Greece (2-4 July 2014). Check the IACAP website for details.

Paul Bello & Marcello Guarini
Conference Organizers

INTERNATIONAL ASSOCIATION FOR COMPUTING AND PHILOSOPHY (IACAP) 2013 CONFERENCE PROGRAM

Monday, July 15

Welcome Address: Anthony Beavers, IACAP President, Ballroom at 8:30 am

IACAP 2013	9:00-10:30	11:00-12:30	1:30-3:00	3:30-5:00
Room One (Machines & Mentality) Room Chair: Marcello Guarini	Symposium: Cognitive Architecture Part 1 M. Cox, M. Maynard, M. Paisner, D. Perlis, T. Oates The Integration of Cognitive and Metacognitive Processes with Data-driven and Knowledge-rich Structures J. Brody, M. Cox, D. Perlis (9:30) The Processual Self as Cognitive Unifier Selmer Bringsjord & Naveen Govindarajulu (10:00) A Robot That Knows What It's Like to Live in Fear?	Keynote Address is in the Ballroom. Bertram F. Malle, Brown University "What Would it Take to Build a Moral Robot?"	Bruce MacLennan Cruelty to Robots? The Hard Problem of Robot Suffering Don Berkich (2:00) Blameworthy Bots Roman Yampolskiy (2:30) Attempts to Attribute Moral Agency to Intelligent Machines are Misguided	Thomas Powers Prospects for a Smithian Machine Susan Anderson & Michael Anderson (4:00) The Relationship Between Intelligent, Autonomously Functioning Machines & Ethics Susan Anderson & Michael Anderson (4:30) Demonstration: The General Ethical Dilemma Analyzer
Room Two (Information & Computing Ethics) Room Chair: Mariarosaria Taddeo	Haraši Namztohoto Namztohoto & Daniel Hromada Man, Machinery and Cryptocoin Avarice Frances Grodzinsky, Keith Miller & Marty Wolf (9:30) On Deception and Trust in Artificial Agent Development Mark Waser (10:00) The Bright Red Line of Responsibility		Keith Douglas A Practical Unsolvable Problem? Why Application Security is Hard: Some Ethico-logical Reflections Tony Doyle (2:00) CCTV and Public Anonymity Jarek Gryz (2:30) Privacy as Informational Commodity	Markus Christen The Neuroethical Challenges of Brain Simulations Richard Wilson (4:00) Ethical Issues of Brain Computer Interfaces Meghan Winsby (4:30) Suffering Subroutines: On the Humanity of Making a Computer that Feels Pain
Room Three (Mixed) Room Chair: Mara Harrell or Paul Bello	Brent Kievit-Kylar & Colin Allen Kant be understood? Probing the parameters of semantic models of philosophy Jeff Buechner (9:30) Bach on Default Reasoning and Externalist Epistemic Justification Roman Yampolskiy (10:00) Epistemology via Brute Force Computing		Matti Tedre, N. Moisseinen & J. Pajunen Viewpoints from Computing to the Epistemology of Experiments Ioan Muntean (2:00) The Digital Guesswork: a Philosophical Appraisal of Genetic Algorithms and their Epistemology	Symposium: Cognitive Architecture, Part 2 J. Sylvester & J. Reggia The Neural Executive: Can Gated Attractor Networks Account for Cognitive Control? S. Herd & R. O'Reilly (4:00) Title TBD N. Wilson & R. Sun (4:30) Clarion-E: A Comprehensive and Psychologically Plausible Model of Emotion

Breaks: 10:30-11:00 & 3:00-3:30; refreshments provided

Lunch: 12:30-1:30 in the Ballroom

INTERNATIONAL ASSOCIATION FOR COMPUTING AND PHILOSOPHY (IACAP) 2013 CONFERENCE PROGRAM

Wednesday, July 17

IACAP 2013	8:30-10:30	11:00-12:30	1:30-3:00	3:30-5:00
<p>Room One (Machines & Mentality)</p> <p>Room Chair: Marcello Guarini</p>	<p>Steven Meyer Adding Methodological Testing to Naur's Anti-formalism</p> <p>William York (9:00) Reconciling Mechanistic and Non-Mechanistic Explanation in Cognitive Science</p> <p>James Reggia, Derek Monner and Jared Sylvester (9:30) The Computational Explanatory Gap</p> <p>Jeff Buechner (10:00) Not Even Computing Machines Can Follow Rules: Kripke's Critique of Functionalism</p>	<p>Keynote Address is in the Ballroom.</p> <p>Judith Simon Karlsruhe Institute of Technology</p> <p>"The Challenge of the Computational: Towards a Socio-technical Epistemology"</p>	<p>Marcello Guarini & Jordan Benko Preliminary Reflections on Order Effects in Moral Cognition</p> <p>Lillian Liu, Pat Langley and Ben Meadows (2:00) A Computational Account of Complex Moral Judgement</p> <p>Marjorie Mcshane, Sergei Nirenburg, Stephen Beale, B. Jarrell, G. Fantry, & D. Mallott (2:30) Mind-, Body- and Emotion-Reading</p>	<p>Keynote Address is in the Ballroom.</p> <p>John Mikhail Georgetown University</p> <p>"Computational Models of Moral Competence: Problems & Prospects"</p>
<p>Room Two (Machines & Mentality)</p> <p>Room Chair: Paul Bello</p>	<p>Steve Pearce Detection Theories of Self-Mindreading and the Nature of the Propositional Attitudes</p> <p>Hiroyuki Uchida, Nicholas Cassimatis & J. R. Scally (9:00) Modal reasoning as simulation</p> <p>Paul Bello (9:30) Folk Concepts and Cognitive Architecture: How We Believe</p> <p>Paul Bello (10:00) Folk Concepts and Cognitive Architecture: Mental Simulation and Dispositionalism About Belief</p>		<p>Michał Klincewicz Unmanned Military Systems, the Frame Problem, and Computer Security</p> <p>Daniel Devatman Hromada & Ilaria Gaudiello (2:00) Introduction to Moral Induction Model and its Deployment in Artificial Agents</p>	
<p>Room Three (Mixed)</p> <p>Room Chair: Mariasaria Taddeo or Mara Harrell</p>	<p>Symposium: Cyber Conflict Jeffrey L. Caton</p> <p>Jody M. Prescott</p>		<p>Symposium: Statistical Analysis of Philosophical Texts</p> <p>Brent Kievit-Kylar Demystifying the "Black Art" of Semantic Modeling</p> <p>Jaimie Murdock (2:15) Simulating expertise through subcorpus modeling</p>	

Breaks: 10:30-11:00 & 3:00-3:30; refreshments provided

Lunch: 12:30-1:30 in the Ballroom