



5th annual

European Computing and Philosophy Conference

June 21-23, 2007 – University of Twente, Netherlands

Program chair:

Philip Brey (University of Twente)

Local organizers:

Johnny Hartz Søraker (University of Twente)

Katinka Waelbers (University of Twente)

ECAP Steering Committee

Luciano Floridi (Oxford University) – President, IACAP

Susan Stuart (University of Glasgow) - Regional Director, ECAP

Philip Brey (University of Twente)

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May Thorseth (NTNU)

Raymond Turner (University of Essex)

Jordi Vallverdú (UAB)

Gianmarco Veruggio (Genoa University)

Jutta Weber (University of Vienna)

E-CAP conferences are organized under the supervision
of the *International Association for Computing and Philosophy* (IACAP)
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from the Faculty of Behavioral Sciences, University of Twente

ECAP'07 Conference Programme

THURSDAY 21 JUNE

08.30-11.00	REGISTRATION IN DRIENERBURGHT HOTEL, coffee/tea served		
09.15-09.20	Opening by Philip Brey, Conference chair [AT]		
09.20-09.30	Opening by Henk Zijm, Rector, University of Twente [AT]		
09.30-09.40	Opening by Luciano Floridi, President of the International Association of Computing and Philosophy [AT]		
09.40-10.40	Keynote speaker: Jeroen van den Hoven: The Ethics of Wideware Engineering [AT]		
10.40-11.00	Break, Coffee/tea served next to workshop rooms		
11.00-12.30	IT, Cultural Diversity and Technoscience Studies [W1]	Information and Computing Ethics [W2]	Ontology [W3]
11.00	N.E.J. Oudshoorn: Rethinking Invisibility in the Context of Telemedicine	Philip Brey: Computer Ethics of the Right and of the Good	A.R. Briggles: Natality, Morality and Virtuality
11.30	Margit Pohl: How to Explain the Underrepresentation of Women in computer Science Studies	Annamaria Carusi: Trust in Internet-enabled Scientific Practice	Martin Berzell: What does an Ontology Represent?
12.00	Veronica Sanz: The Shift to Soft Computing in A.I. and its Relation to alternative Kinds of Epistemology	Darren Abramson: The Missing Link: Computer Ethics and Formal Methods	Christian Cocos: Relation Ontology II
12.30-13.30	Lunch, next to workshop rooms		
13.30-14.45	IT, Cultural Diversity and Technoscience Studies Panel [W1]	Information and Computing Ethics [W2]	
13.30	13.30-14.15: Gabriele Winker (invited talk): High-Tech and Masculinity - a Powerful Connection		Gianmarco Veruggio: Roboethics: an interdisciplinary approach to the social implication of Robotics
14.00			Edward H. Spence and Katinka Waelbers (45 mins): Ethics in the Virtual World
14.15-14.45	Discussion		
14.45	Break 15 minutes, coffee/tea served next to workshop rooms		
15.00-16.00	IT, Cultural Diversity and Technoscience Studies [W1]	Computational and Post-Computational Approaches to the Mind [W2]	Philosophy and Ethics of Robotics [W3]
15.00	Joao Porto de Albuquerque: Formal Artefacts and the Formalisation of Practices	Huma Shah & Kevin Warwick: Turing Test: Mindless Game? - A Reflection on the Loebner Prize	Ishii Kayoko: Can a Robot Intentionally Conduct Mutual Interactions with Human Being?
15.30	Tzung-De Lin: The Translation of Fuzzy Logic into Japanese	Bastian Fischer: Phenomenal Consciousness: Sensorimotor Contingencies and the Constitution of Objects	Ronald C. Arkin: On the Ethical Quandaries of a Practicing Robotician: A First Hand Look
16.10	Fruit, pastries and soda served next to workshop rooms		
16.55	Excursion to Twickel castle, followed by dinner nearby at 19.00 (cost: €30). Bus leaves from Drienerburgh 16:55 and returns to Drienerburgh from Delden 21:30. We might have some places left, so contact Johnny Soraker if you have not yet signed up		

FRIDAY 22 JUNE

09.00-10.00	Keynote speaker: Mark Bedau [AT]		
10.05-11.30	Plenary session: The Future of Artificial Intelligence, with Paul van der Vet, Mark Bedau, Susan Stuart, Anton Nijholt, and Thomas Roth-Berghofer [AT]		
11.30-11.45	Break 15 minutes, Coffee/Tea served next to workshop rooms		
11.45-12.45	Information and Computing Ethics [W1]	Philosophy of Computer Science [W2]	Philosophy and Ethics of Robotics [W3]
11.45	Luciano Floridi: Avatars: their philosophical implications	Gabriele Gramelsberger: From Human Computers to Computer Based Simulations	Jutta Weber: Analysing Material, Semiotic and Socio-Political Dimensions of Artificial Agents
12.15	Chris Bull: Ethics of E-commerce	Denis Chetwynd: Paracomputation: the Paradigm beyond the Status Quo	Daniel Persson: Ethics of Intelligent Systems - Artefacts, Producers and Users
12.45-13.30	Lunch next to workshop rooms		
13.30-15.30	Information and Computing Ethics [W1]	Philosophy of Computer Science [W2]	Philosophy and Ethics of Robotics [W3]
13.30	Matteo Turilli: Ethics and the Practice of Software Design	Raymond Turner: Set Theory Considered Harmful	Merel Noorman: Exploring the Limits to the Autonomy of Artificial agents
14.00	Justine Johnstone: Applying the Capability Approach: the Dimongo Project	John Geske: Reasoning about Non-Termination	Susana Nascimento: Autonomous Anthropomorphisms: Robot Narratives and Critical Social Theories
14.30	Jean-Gabriel Ganascia: Using Non-Monotonic Logics to Model Ethical Systems	Jean Sallantin: An epistemology of Computer Science Based on a Dialectical Interaction	Peter Asaro: How Just Could A Robot War Be?
15.00		Alton F. Sanders: Programs as Mathematical Objects	Edward H. Spence: Robot Rights: The Moral Life of Androids
15.30-15.45	Break 15 minutes, coffee/tea and pastries served from 15.15 next to workshop rooms		
15.45-17.45	Intersections [W1]	Philosophy of Computer Science [W2]	Computer-based Learning [W3]
15.45	Andrew Basden: Frameworks for understanding IS and ICT	Matti Tedre: A Philosophy of Computer Science Course for Computing Practitioners	Marvin Croy: Intelligent Tutoring for Deductive Proof Construction
16.15	Lars-Erik Janlert: Virtual Knowledge	Melanie Plattner: The Scientific Role of Computer Science	Federico Gobbo: Writing Spaces as Cognitive Tools in the Teaching of Philosophy and Computing
16.45	Jordi Vallverdu and David Casacuberta: The Panic Room: Synthetic Emotions	Hanania Salzer: The Core Science of Software Engineering	Bertil Rolf: Testing Tools of Reasoning - a Search for Mechanisms
17.15	Walter Riefrio: Inquiries on Biological Information Emergence	Vincent C. Muller: What is a Digital State?	Pietro Cipresso: Modular Object-Oriented
17.45-17.50	Short break		
17.50-19.20	Philosophy of Information and Information Technology [W2]	Philosophy of Computer Science [W2]	IT and Globalization [W3]
17.50	Laura Pana: From Information Flows and Nets to Knowledge Groups and Works	Selmer Bringsjord: Aligning Computer Programming with Clear Thinking	May Thorseth: Global Communication Online, against Fundamentalist Knowledge Offline?
18.20	Kathleen Coessens: Representations and their -problematic-situatedness within human Interaction	Amnon H. Eden: Three Paradigms of Computer Science	Mark A.M. Kramer: Exploring the Implications of Mobile Learning within the Current Phase of Globalization: a Systems Theory Approach
18.50	Ekaterina Taratuta: The Practice of Information: Mass Elitism Reloaded	Timothy Colburn: Metaphor in Computer Science	
19.45	Conference Dinner, Faculty Club		

SATURDAY 23 JUNE

09.00-10.00	Keynote speaker: Giovanni Boniolo: Empirical Databases, Networks and their Logics		
10.00-10.15	Break, 15 minutes, Coffee/Tea served next to workshop rooms NOTE: SESSION 1 CONTINUES IN AMPHI THEATRE		
10.15-11.45	Philosophy of Information and Information Technology [AT]	Computational and Post-Computational Approaches to the Mind [W1]	Philosophy of Computer Science [W2]
10.15	Jean Robillard & Daniel Lemire: The Concept of Semantic Web and its Flaws	Marcin Milkowski: What Difference does Embodiment make?	Bedir Tekinerdogan: Reflections on Engineering and Philosophy from a Problem-Solving Perspective to Derive Lessons for Software Engineering
10.45	Mariarosaria Taddeo: The Problems of Trust: a Review of the Main Theories on trust	Istvan Danka: Social Externalism and Scale-Free Network System Models of the Mind	Dave Cochran: How Computers can turn Philosophy into Science
11.15	Patrick Allo: Formalising the "No Information Without Data-Representation" Principle	Lukasz Piwek: The Dynamic Representation of Reality and of Our Self between Real and Virtual Worlds	Steve Russ: Experimenting with Computing
11.45-11.50	Short break		
11.50-13.20	Philosophy of Information and Information Technology [AT]	Computational and Post-Computational Approaches to the Mind [W1]	Intersections [W2]
11.50	Teresa Numerico: Open Science, Wikipedia, the Commons, Hierarchical Peer Reviewed Evaluation Methods	Hugo Gravato Marques: Architectures for Functional Imagination	Alexei Medvedev: An Amalgamating Phonosemantic Vehicle Hypothesis on naming
12.20	Ulises Mejias: Networks, Virtuality, and Social Realities	O.V. Rosas: On the Ecological/Representational Structure of Virtual Environments	Russ Abbott: Multi-sided Platforms
12.50	Steve McKinlay: Information, Knowledge and Confirmation holism	Filippo Barra: Extending the Scope of Hutchins's Remarks on Turing Machines to Turing's Analysis of Computation	Timothy Mann: Human Decidability
13.20-14.15	Lunch next to workshop rooms		
14.15-15.45	Philosophy of Information and Information Technology [AT]	Computational and Post-Computational Approaches to the Mind [W1]	IT and Globalization [W2]
14.15	Dario Taraborelli: Soft Deference: How the Web is Changing the way We Trust	Gordana Dodig-Crnkovic: Naturalizing Epistemology through Info-Computationalism	Gero Kellermann: Can the Internet be Governed by the Law?
14.45	Aziz Zambak: Idealized and Reflective Information in Artificial Intelligence	C. Claussen: Cybernetic Ontology as Constructive Epistemology	Johnny Hartz Søraker: User-created Virtual Environments and Global Freedom of Speech
15.15	A.A.M. Spil: Evolution of Information		Aristotle Tympas and Fotini Tsaglioti: Recent "Hellenization" difficulties and the "Universal Machine" Concept
15.50-16.15	Closing plenary session		
16.30- 17.30 ...	Closing drinks, Drienerburgh hotel bar		

LOCATION OF SESSIONS (colour coding, see map below)

Vrijhof, Amphi Theatre [AT]
Drienerburgh, Workshop room 1 [W1]
Drienerburgh, Workshop room 2 [W2]
Drienerburgh, Workshop room 3 [W3]

PROGRAM TRACK CHAIRS

Philosophy of Computer Science	Amnon Eden, Raymond Turner
Computer-based Learning and Teaching Strategies and Resources & The Impact of Distance Learning on the Teaching of Philosophy and Computing	Gordana Dodig-Crnkovic, Jules Pieters
Philosophy of Information and Information Technology	Patrick Allo
Ontology	Lars-Göran Johansson
Computational and Post-Computational Approaches to the Mind	Susan Stuart
Information and Computing Ethics	Alison Adam, Jeroen van den Hoven
Intersections	Chris Dobbyn
IT and Globalization	May Thorseth, Johnny Hartz Søraker
IT, Cultural Diversity and Technoscience Studies	Christina Björkman and Jutta Weber
Philosophy and Ethics of Robotics	Gianmarco Veruggio

PRACTICAL MATTERS

CONTACT

If you have any questions or concerns during the conference, feel free to contact Johnny Søraker, either in person, by email <j.h.soraker@utwente.nl> or mobile phone <+31 (0)647059544>.

WIRELESS INTERNET ON THE UNIVERSITY OF TWENTE CAMPUS:

Network SSID : GUEST (Capital letters, hidden)

Set Network authorization to 'open' and data encryption to 'disabled'

Connect to the network and open your browser. This should automatically redirect you to a logon screen.

Enter the following details:

- Account: t4102460
- Password: pocjeareeg (Valid until Sunday, June 24)

SESSIONS

Talks are 30 minutes, including discussion. We recommend that speakers present for 20 minutes, with 10 minutes remaining for discussion. Please notify Johnny Søraker as soon as possible if you have any technological requirements beyond laptop (Windows), video projector and whiteboard. If you have not sent your presentation files in advance, please use a USB memory stick. You are encouraged to copy your files to the PC during one of the breaks before your talk. It is possible to hook up your laptop, but (in order to save time) this should be reserved for cases in which important formatting might be lost or if the provided software is incompatible.

FOOD AND DRINKS

Please let us know as soon as possible if you have any dietary requirements that you have not indicated upon registration via our online form.

Coffee/Tea/Snacks:

Coffee/Tea will be served free of charge in most breaks. In some breaks, pastries and/or fruit will also be served.

Lunches

Lunch buffets are served in the main hall of Drienerburgh hotel. All costs have been covered by your conference fee.

Dinners

Thursday, June 21: There will be an excursion to Twickel castle on Thursday evening for those who have signed up (we might still have some places left, so if you have not signed up, please contact Johnny Søraker). This excursion will be followed by dinner at Restaurant De Zwaan in Delden at own expense. Please bring €30 in exact change.

Friday, June 22: The main conference dinner will be served in the Faculty club on Friday evening, 19:45. The Faculty Club is a 2 min. walk from the Drienerburgh (see map on next page).

Closing drinks

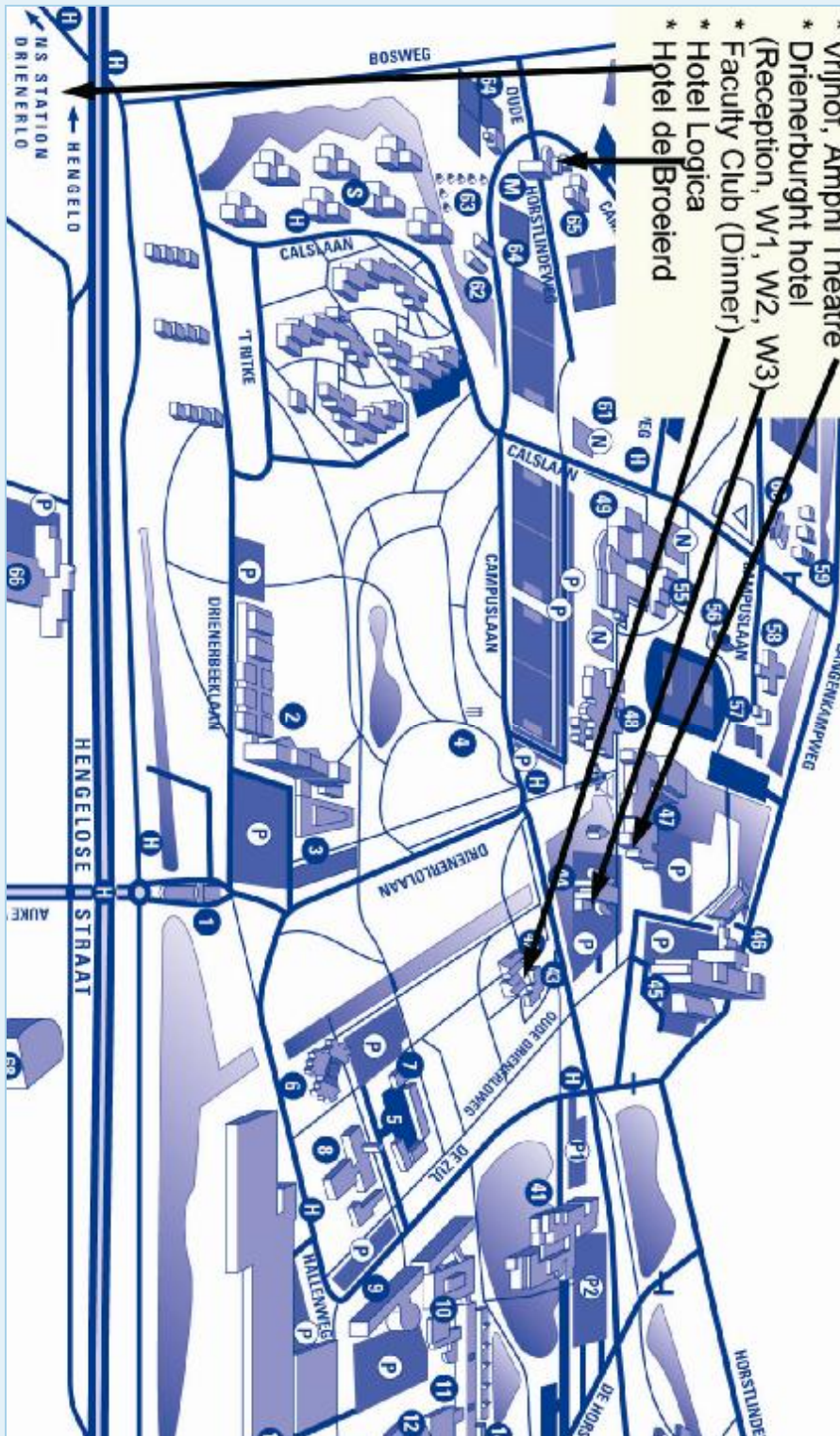
After the closing plenary on Saturday, drinks (free until 17.30) will be served in the Drienerburght hotel bar.

RECEIPT

If you need a receipt for your registration fee, please notify one of the local organizers, and we will send it to you by mail/email/fax (whichever you prefer) immediately after the conference.

LOCAL TRAVEL

The campus of the University of Twente is located between the cities of Hengelo (pop. 75,000) and Enschede (pop. 150,000). Enschede is considered the cultural capital of the area. From Drienerburght, the downtown area of Enschede is only 10 min. by bus (€1) or taxi (appr. €15). Frequent buses go to both cities, until about 11 PM. Please ask the hotel reception for bus information. They can also order a taxi for you. Travel information can also be found online at www.ns.nl (trains) or www.9292ov.nl (busses and other means of transportation).



University of Twente Campus

LIST OF PARTICIPANTS (120)

Abdelkader Gouaich	LIRMM
Adam Briggie	University of Twente
Alexandru Holostenco	CRONVERC
Alexei Medvedev	University of South Australia
Alton Sanders	Miami University
Amnon Eden	University of Essex
Andrew Basden	University of Salford
Annamaria Carusi	Oxford University
Antoine Seilles	LIRMM
Anton Nijholt	University of Twente
Aziz Zambak	
Bastian Fischer	University of Saarland/IFOMIS
Bedir Tekinerdogan	University of Twente
Bernd Kottier	University of Twente
Bertil Rolf	Blekinge Institute of Technology
Carl Christoph Claussen	University of Vienna
Cees Glas	University of Twente
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Daniel Persson	Mälardalen University
Dario Taraborelli	University College London
Darren Abramson	Dalhousie University
Dave Cochran	University of St. Andrews
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Ekaterina Taratuta	St. Petersburg State University
Federico Gobbo	DICOM University of Insubria
Filippo Barra	Universita degli Studi di Siena
Fotini Tsaglioti	University of Athens
Gabriele Gramelsberger	Freie Universität
Gabriele Winker	TU Hamburg-Harburg
Gary Shute	University of Minnesota-Duluth
Gero Kellermann	Leibniz University of Hannover
Giambattista Formica	Universita degli Studi di Bari
Gianmarco Veruggio	Genoa University
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Jean Sallantin	CNRS
Jean-Baptiste Soufron	Betapolitique
Jean-Gabriel Ganascia	LIP6 University Paris
Jeroen van den Hoven	TU Delft
Joao Porto de Albuquerque	University of Hamburg
John Geske	Kettering University
Johnny Hartz Søraaker	University of Twente

Jonathan Mann	
Jordi Vallverdu	UAB
Juan Carlos Martinez	
Jules Pieters	University of Twente
Justine Johnstone	University of Sussex
Jutta Weber	University of Vienna
Kathleen Coessens	Free university of Brussel
Katinka Waelbers	University of Twente
Kevin Warwick	University of Reading
Lars-Erik Janlert	Umea University
Lars-Göran Johansson	Uppsala University
Laura Pana	University Politehnica of Bucharest
Luciano Floridi	Bari & Oxford Universities
Lukasz Piwek	University of Glasgow
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Martin Berzell	University of Linköping
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Ronald Arkin	Georgia Tech
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Russ Abbott	California State University, Los Angeles
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Selmer Bringsjord	Rensselaer Polytechnic Institute
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Wilko Wieringa	University of Twente