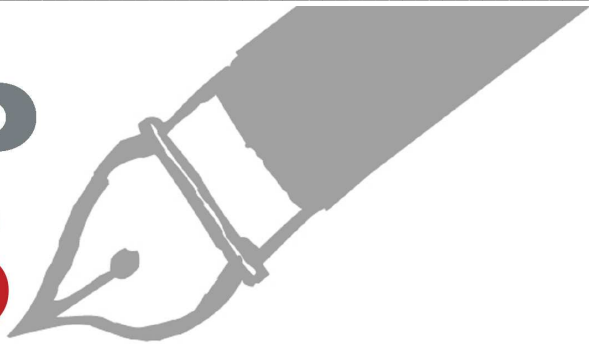_____

i-C&P 2006

COMPUTERS & PHILOSOPHY, an International Conference

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Le Mans University, Laval, France, 3-5 May, 2006

<u>Chair:</u> C.T.A. SCHMIDT **Colin.Schmidt@univ-lemans.fr** e-mail

http://www.iut-laval.univ-lemans.fr/i-CaP_2006/

IMPORTANT DATES (check conference url for up-to-date information)
Friday November 18th 2005 Submission deadline for extended abstracts (1000 wds.)
3-5 May 2006, Conference in Laval France

GENERAL INFORMATION
From Wednesday 3rd to Friday 5th May 2006 THE INTERNATIONAL CONFERENCE ON COMPUTERS & PHILOSOPHY will be held at Le Mans University in Laval (near Rennes, France).

Overview: Those interested in the study of philosophical problems and related technological applications are encouraged to participate. Philosophical, epistemological, theological and anthropological stances on the construction and use of machines are of relevance to the conference.

Within the framework of the programme, we are looking forward to the contributions of some eminent thinkers:

USA	**Daniel DENNETT, Philosophy, Tufts**
USA	**Rodney BROOKS, Robotics, MIT**
Italy	**Lorenzo MAGNANI, Logic & Philosophy, Pavia**
UK	**Margaret BODEN, Art. Intelligence, Cognitive Sc. & Philosophy, Sussex**
Canada	**Daniel VANDERVEKEN, Logic & Language, UQTR**
Thailand	**Darryl MACER, UNESCO Reg. Adviser for Soc.& Human Sc. in Asia-Pacific**
UK	**Noel SHARKEY, Computation & Robotics, Sheffield**

Please see web site for full details; programme, topics, accommodation, registration as well as detailed information on plenary session talks.

RELEVANT RESEARCH AREAS

In addition to main-stream areas of research —Philosophy of Artificial Intelligence, Intelligent Robotics, Cognitive Science, Computer Ethics— we are looking for cross-cultural studies on the place of machines in society, as well as the following:

1. Evolution & Technologies
- Evolutionary Computation and Evolutionary Language Development
- Information Systems and the Philosophy of Design
- Biologically-Incorporated Intelligence; the Use of Organic Components for Robotics
- Bio-computation, Bio-Robotics, Artificial Life & Meaning
- Robotics (Humanoid, Cognitive, Epigenetic, "Autonomous", Service, etc.)
- Humanoid Hosts and Guides for Museums, Galleries and Virtual Reality Environments

2. Pragmatics & Comp. Linguistics
- Speech Acts and the Limits of Machine-embedded Use of Dialogue
- Obstacles to Parsing (Accents, Intonations, Emotional States, etc.)
- Relations, Reference and Communicability
- Artificial Affectivity in (non-)Dialogical Settings
- All Language, Meaning and Dialogue Issues

3. Minds and Intentionality
- Evocative Objects and Presumed Intelligence
- Personification of Artefacts
- Other Minds Theories and Simulating Co-intentionality
- The Mind/Body Problem in Cognitive Science
- European Versions (and Anti-theses) of the Intentional Stance

4. Culture & Adaptability
- All Anthropological Views on Computers and Robots
- Context-embedded Computer Learning
- In-class Robotic Teachers, Vulgarisation and (non-)Acceptance Issues
- The Pros and Cons of Computer-Mediated Communication & Learning
- Virtual Reality & Digitally-supported Personalities
- Post-modernism and Fiction related to Machines and Individuals

5. History, Ethics & Theology
- Issues arising from the Automation of Thought
- Designing Users' Beliefs, Beliefs Designing Machines, Religious Deontology
- Robo-Ethics, Moral Agents, Spirituality of Machines, Technological Souls
- The Impacts of Intelligent Computers and Robotics on Society throughout History
- Cognitive Epistemology or Science as Applied Technology

Other
- Transdisciplinary attempts to link Philosophy, Computing and/or Robotics
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cf. **full scientific programme and printable version of the Call for Papers at** quick link

For further information about the conference, please consult the i-C&P 2006 website or contact the Chair for the complete version of the Call for Papers and related information.

VENUE
Laval is known to be a city of character for its history, art and culture. Located on the Mayenne River in beautiful Western France (see film at http://www.lamayenne.fr/front.aspx?sectionId=452&publiId=3996&controller=Viewpublication), it offers all the amenities of a large city while maintaining a small town feel.

SCIENTIFIC COMMITTEE

General Chair: Colin T. SCHMIDT, Communication, Philosophy & Cognition, Le Mans University, France
Local Organisations Chair: Xavier DUBOURG, Computer Science & Learning, Le Mans University & Director of the Laval Technological Institute, France
Honorary Chair: Francis JACQUES, Emeritus Professor of Philosophy, Sorbonne University, France
Varol AKMAN, Philosophy and Computer Science, Bilkent University, Turkey
Jean CAELEN, Cognition and Interaction, CNRS/Grenoble University, France
Raja CHATILA, Robotics, CNRS/Toulouse University, France

Nathalie COLINEAU, Language & Multi-modality, CSIRO, Australia
Roberto CORDESCHI, Computation & Communication, Salerno University, Italy
Liu GANG, Information & Philosophy, Inst. of Philosophy, Chinese Acad. of Soc. Sciences, China
Hans Peter DOMMEL, Computer Engineering, Santa Clara University, USA
Deborah G. JOHNSON, Technology and Ethics, University of Virginia, USA
Frédéric KAPLAN, Artificial Intelligence, SONY CSL - Paris
Nik KASABOV, Computer and Information Sciences, Auckland University, New Zealand
Oussama KHATIB, Robotics & Artificial Intelligence, Stanford University, USA
Boicho KOKINOV, Cognitive Science, New Bulgarian University, Sofia, Bulgaria
Felicitas KRAEMER, Philosophy & Intentionality, Bielefeld University, Germany
Jean LASSÈGUE, Philosophy, CNRS/Ecole Normale Supérieur Paris, France
Ping LI, Cognitive Science & Philosophy of Science, Sun Yat-sen University, China
Daniel LUZZATI, Linguistics, Le Mans University, France
M.C. MANES GALLO, Info. & Communication Sciences, Bordeaux University, France
Anne NICOLLE, Computer Science & Interdisciplinarity, CNRS/University of Caen, France
Teresa NUMERICO, Communication, Salerno University, Italy
James MOOR, Philosophy, Dartmouth College, USA
Bernard MOULIN, Computer Science, Laval University, Canada
Denis VERNANT, Logic & Philosophy, Grenoble University, France
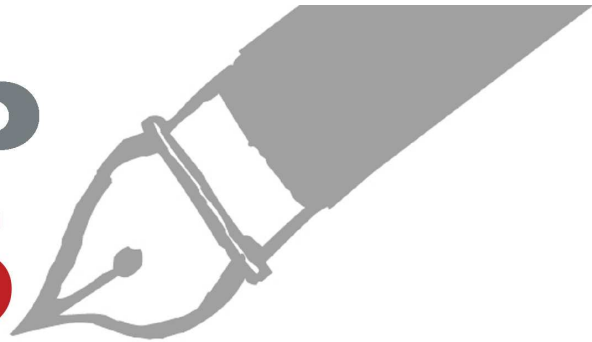Ming XIE, Robotics, Nanyang Technological University, Singapore

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Tel +33 2 43 59 49 20
&
Dr. Colin Schmidt (Chair)

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Conference: quick link