

Wednesday, August 3, 2005

9:00 – 17:30

Hall E

**Special Focus Symposium on Cognitive, Emotive and Ethical Aspects of Decision Making in Humans and in AI** - Invited papers - Part 1

Chairs: Iva Smit, E&E Consultants, Netterden, The Netherlands  
Wendell Wallach, WW Associates, Bloomfield, CT, USA

**Mechanizing Morality: Under What Circumstances Would We Want a Moral Judgement from a Machine?**

by Blay Whitby, Centre for Research in Cognitive Science, University of Sussex, UK

**Ethical Robots: Do We Have 30 Years to Get Them Right?**

by James Gips, Boston College, Chestnut Hill, MA, USA

**Can a “Non-biological Machine” Become a Legal Person?**

by David J. Calverley, Center for Law, Science and Technology,  
Arizona State University, Tempe, AZ, USA

**The Unbearable Lightness of (Artificial) Being**

by Steve Torrance, Middlesex University, Enfield; University of Sussex, Falmer, UK

**Developing a Computable Decision Procedure for an Ethical Theory with Multiple *Prima Facie* Duties**

by Michael Anderson, University of Hartford, West Hartford, CT, USA  
and Susan Leigh Anderson, University of Connecticut Stamford, CT, USA

**Theories and Judgments: Top-down Ethics and Artificial Moral Agents**

by Colin Allen, Indiana University, USA

**LUNCH BREAK 12:30 –14:00**

**The Role of Number in Organic and Mechanical Mathematics and Artificial “Whatever”**

by Jerry Chandler, George Mason University, McLean, VA, USA

**Decision-making and Anticipations: Why Buridani’s Ass Is an Unlikely Creature**

by Alexander Riegler, Center Leo Apostel for Interdisciplinary Research,  
Vrije Universiteit Brussel, Belgium

**Choice, Ethics and the Evolutionary Function of Consciousness**

by Wendell Wallach, WW Associates, Bloomfield, CT, USA

**Emotion and Group Decision Making in Artificial Intelligence**

by Goreti Marreiros, Carlos Ramos, and José Neves, Institute of Engineering  
Polytechnic of Porto, and University of Minho Braga, Portugal

**Ambient Emotion Intelligence: from Business-Awareness to Emotion-Awareness**

by Jiehan Zhou, Päivi Kallio, Technical Research Centre of Finland, Oulu, Finland

**Emotion in Decisions: Personality and Religiosity Factors**

by Khairul Anwar Mastor, Universiti Kebangsaan Malaysia