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