

Report on Working Group

Prof. Rafael Capurro

Michael Nagenborg
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Members of Working Group

Prof. Rafael Capurro

- Jutta Weber, Phd.
- Christoph Pingel, MA
- Dr. phil. Michael Nagenborg

Jutta Weber

- Senior researcher conducting theoretical and empirical research in the field of robotics, computer science and Artificial Intelligence at the Department of Philosophy of Science at the University of Vienna.
- From April/May 2006 on she will be guest professor for Interdisciplinary Studies at the University of Duisburg-Essen (Germany).

Jutta Weber

- Research: Science and Technology Studies, Epistemology, Philosophy of Science, Inter-/Transdisciplinarity, Gender Studies, Cultural Studies.
- Some Publications:
 - At the moment she is guest co-editing an issue on ‘Ethics in Robotics’ of the journal *International Review of Information Ethics* 2/2006 (together with Karsten Weber and Daniela Cerqui).

Jutta Weber

Some Publications:

- From Science and Technology to Feminist Technoscience Studies. In: Kathy Davis / Mary Evans / Judith Lorber (eds.): Handbook of Gender and Women's Studies. London: Sage 2006 (in print)
- Helpless Machines and True Loving Caregivers. A Critique of Recent Trends in Human-Robot Interaction. In: Journal of Information, Communication and Ethics in Society. Vol. 3, Issue 4, Paper 6, 2005
- Ontological and Anthropological Dimensions of Social Robotics. In: Proceedings of the Symposium on Robot Companions: Hard Problems and Open Challenges in Robot-Human Interaction. AISB 2005 Convention Social Intelligence and Interaction in Animals, Robots and Agents at the University of Hertfordshire

Christoph Pingel, MA

- Studied Philosophy, Linguistics and Literature at the University of Heidelberg and Media Theory at the Merz-Akademie Stuttgart and University of Portsmouth.
- **Research Fellow at the ZKM – Center for Art (Karlsruhe) leading a group developing knowledge management tools, reasoning algorithms, software agents and human computer interfaces (HCI) in the field of culture and media arts. (1999 - 2002)**

Christoph Pingel, MA

- **Free Lance consultant and software architect (knowlegde-management / semantic web)**
- **Research interests:
Media theory, Media Ethics, Cognitive Science of Metaphor, Conceptual Blending in HCI and AI, Semantic Web, Social Software, Information Retrieval.**

Working paper

Meta-theoretical Questions:

On the Onto-Epistemological Grounding of a Roboethics

- Main questions are: From which standpoint do we – as ethicists – speak? And for whom?**
- Whether or how it is possible (and desirable) to develop a general ethics for any kind of robots and agents?**

Working paper

A. Meta-theoretical Questions:

On the Onto-Epistemological Grounding of a Roboethics

- Main questions are: From which standpoint do we – as ethicists – speak? And for whom?**
- Whether or how it is possible (and desirable) to develop a general ethics for any kind of robots and agents?**

Working paper

B) Ethics in Robotics

1. Epistemological, ontological, and psychoanalytic implications of main concepts in robotics

- Robots as products of our dreams**
- Sociotechnical Implications (classical, transclassical machines and autonomous systems)**

Working paper

B) Ethics in Robotics

2. Ethical Background

- Why do we live with robots? What do we live with robots for?**

3. Methodological and ethical aspects concerning the modelling of the interface between man and machine

- What are the consequences of the fact that today ICT devices are developed by computer scientists and engineers only?**

Working paper

B) Ethics in Robotics

4. Ethical aspects on realistic scenarios of the development of robotics and the intertwinement of the social and technical in this area in the near future

- *How do we live in a technological environment?***

Working paper

B) Ethics in Robotics

5. Ethical aspects of different kinds of man-machine relations and robots

- Concepts of social robotics like the social, sociality, human nature and human-style interactions.**

Working paper

B) Ethics in Robotics

6. Intercultural aspects of the cyborgization of society in ethical perspective

Working paper will be delivered by End of March.

