

Issue:

Today intercultural perspectives and exchange is taken place in many disciplines of research. But do we recognize a robotic embedding of our environment? How does robots influence, support and distract our daily lives? Are we able to trust in new technology in order of organizing a nation's perspective? Japan is known as a nation of technological inventions and wonders. How do they try to understand robotics? Known as an industrial nation of Western Europe within an enormous potential of economic power Germany has developed its production and environment built of robotic systems. Which perspectives are given to reconsider not just consequences of human's life, but developing a cultural view of a whole mankind influencing technology, while we can effort advantages or deal with its worse consequences? This workshop has invited Asian and European scientists, engineers and philosophers working on adequate perspectives to these questions.

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International Workshop

'Future of Robotics in Germany and Japan: Intercultural Perspectives and technical Opportunities'

November 11th-12th 2010

Place:

Hochschule für Technik und Wirtschaft Dresden
Friedrich-List-Platz 1, D-01069 Dresden, Germany

Room Nr. Z 107

Program:

11.11.2010

13.30 – 14.00

Opening of the workshop and Introduction to its topic

14.00 – 15.00

‘From Fiction to Science, A German-Japanese Era-Project’

Prof. Dr. Dr. Walter Ch. Zimmerli

[President of TU Cottbus]

15.00 – 16.00

‘Roboethics: Future of Robotics Research in Japan’

Prof. Dr. Kohji Ishihara

[Associate Professor, Graduate School of Arts and Sciences, University of Tokyo, Japan]

16.00 – 16.30 Coffee Break

16.30 – 17.30

‘Robotic Research in Germany: Potential and Perspectives’

Prof. Dr. Thomas Christaller

[Fraunhofer Institute for intelligent Analyse and Information Systems (IAIS)]

17.30 – 18.30

‘Robotics in Japanese Popular Culture’

Maika Nakao

[Ph.D. Student, Graduate School of Arts and Sciences, Department of History and Philosophy of Sciences, University of Tokyo, Japan]

18.30 – 19.30

‘Technical Opportunities and Cultural Embedding’

(Panel Discussion)

12.11.2010

10.00 – 11.00

‘Robotic Appearances and Forms of Life’

Dr. Mark Coeckelbergh

[Assistant Professor of Philosophy of Technology, University of Twente, NL]

11.00 – 12.00

‘Culture of Robotics, An Eurasian Perspective’

Dipl. Inf. Arun Tripathi

[NISTADS (New Dehli, India), TU Dresden]

12.00 – 13.00 Lunch

13.00 – 14.00

‘Who is taking over? A Technology Assessment of Autonomous Robots’

Prof. Dr. Michael Decker

[Karlsruher Institute of Technology (KIT), Institute for Technology Assessment and Systems Analysis (ITAS)]

14.00 – 15.00

‘Justifying the Trust into Robots. A Challenge between Generations to accept new Technologies’

Michael Funk

[Research Assistant of Philosophy of Technology, TU Dresden]

15.00 – 16.00

‘Humanoid Robot Research in Japan: Some Issues on Human Robotic Science and Social Acceptability’

Dr. Jorge Solis

[Assistant Professor of Robotics, Waseda University, Tokyo, Japan]

16.00 – 16.30 Coffee Break

16.30 – 18.00

Review of the workshop

Prof. Dr. Dr. Bernhard Irrgang

[Professor of Philosophy of Technology, TU Dresden]