

Submission of papers

Experts from the fields of engineering, computer science, psychology, design, etc. who would like to contribute to the success of the workshop are invited to submit an abstract.

Papers can be submitted and presented in German or English.

Please send your offers as an attached Word document by e-mail to:

E-mail: werkstatt@zmms.tu-berlin.de

The abstract should include:

- Title of the paper;
- Author(s);
- Complete address of the author(s) including a contact e-mail address;
- Assignment of the workshop paper to a main topic if possible;
- One-page abstract of the paper (approx. 400 words).

The program committee will decide on the basis of the abstracts about the acceptance of the papers to the final conference program. The abstracts will be made available on the web portal www.useworld.net prior to the workshop.

The accepted papers will be included in the conference proceedings that will be published in Series 22 of the progress reports of VDI publishers.

Deadlines

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|----------------|--|
| 02.04.2007 | Submission of abstracts |
| 02.05.2007 | Notification of acceptance |
| 02.07.2007 | Mailing of conference programs and start of workshop registration |
| 31.07.2007 | Deadline for the six-page-manuscripts to be published in Series 22 of VDI publishers |
| 10.-12.10.2007 | 7 th Berlin Workshop Human-Machine Systems |

Organizing committee

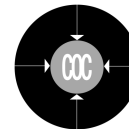
Center of Human-Machine Systems (ZMMS)
Technische Universität Berlin
<http://www.zmms.tu-berlin.de/>

Conference location

Berlin-Brandenburg Academy of Sciences
<http://www.bbaw.de/>

Conference office

COC Congress Organisation
- Bettina Kramb -
Mühlenstr. 58
12249 Berlin,
Germany
Tel.: +49 (0)30 77520 84
Fax: +49 (0)30 77520 85
E-mail: b.kramb@gmx.de
www.coc-kongress.de



Conference Announcement and Call for Papers



7th Berlin Workshop Human-Machine Systems

with the topic

Prospective Design of Human- Technology Interaction

10 – 12 October, 2007
Berlin-Brandenburg Academy of Sciences

Technische Universität Berlin
Center of Human-Machine Systems



Conference announcement and call for papers

Rapid technical progress leads to increasingly rapid changes in the allocation of roles and functions between humans and technology. Given shorter development periods, the effects of these changes have to be considered in the product development process as early as possible. Therefore, the 7th Berlin Workshop Human-Machine Systems focuses on the prospective design of human-machine interaction. The Berlin Workshop takes up the topic of the *prometei* research group, which is one major project of the Center of Human-Machine Systems.

Special attention is given to the methods and discoveries on the basis of which new systems can be analyzed and evaluated in an early phase of development. This allows the early formulation of recommendations for the system design regarding such important criteria as reliability or skill promotion.

We invite the submission of empirically based papers, which can have either a theoretical or practical orientation.

It is our aim to discuss problems and discoveries from a broad variety of application domains. The focus is on the following areas: traffic (rail vehicle, road vehicle, aviation and shipping technology); process design; production, process and software technology; telecommunications, as well as technical documentation.

The previous six Berlin Workshops Human-Machine Systems addressed the German speaking Human-Machine Systems community. We would like to open the conference to international experts and offer a continuous English track apart from the German workshop discussions.

Conference program

The program consists of

- Invited lectures,
- Workshop talks (lectures from research and development with discussion),
- Special sessions (moderated discussions on the main topics of the conference)
- Poster session presenting current research topics.

Main topics of the conference

- Prospective design of human-machine interaction in the domains: traffic (road, rail, water, and air), process design, production technology, telecommunications, and entertainment electronics
- Development and use of digital human models for prospective design
- Prospective design of human-machine interaction by means of and for Augmented Reality and Virtual Reality
- Design of ambient systems
- Eye movements as analyzing method and interaction medium
- New approaches for training and further education

Invited speakers

Prof. Erik Hollnagel
Prof. Gunnar Johannsen
Dr. Sebastian Möller
Dr. Charlotte Skourup

Scientific conference organization

Prof. Matthias Rötting
Prof. Günter Wozny

Administrative conference organization

Christiane Steffens, Dipl.-Psych.

Program committee

Caroline Clemens MA
Jörg Huss, Dipl.-Psych.
Katja Karrer, Dipl.-Psych.
Anne Klostermann, Dipl.-Psych.
Sascha Mahlke, Dipl.-Psych.
Prof. Dietrich Manzey
Prof. Volker Schindler
Prof. Manfred Thüring
Prof. Leon Urbas