

**IFAC-HMS 2007 Workshop:**  
**Model-Driven User-Centric Design & Engineering (MDUCDE'07)**  
**Seoul/South Korea, September 4 - 5, 2007**

<http://www.zmmi.de/MDUCDE2007>

### Theme

A well-designed, intuitive, and appealing user interface is crucial to the success of computer-based products and systems, and will gain even more importance in the upcoming interaction paradigm of Ambient Intelligence (or Ubiquitous Computing, respectively). In many domains, it will become unthinkable to demand from users to become acquainted with hundreds of systems; rather, these systems themselves have to be usable in an efficient and appealing way, must be adaptive and intuitive, context-sensitive and, often, personalized. Therefore, new approaches to automatic, on-the-fly creation of user-oriented, ergonomic interfaces must be pursued. The workshop shall bring together industrial and academic knowledge on user interface modeling, human-computer interaction, design, human factors, and social issues of the progressing computerization.

### Workshop Format

The workshop takes two days during IFAC-HMS 2007 conference. In the mornings, a selected number of participants will present their work in paper presentations. The first afternoon is reserved for another paper presentation session, the second afternoon for an intensive discussion and the formulation of conclusions.

### Topics of Interest

We solicit submissions which address one or more of the following issues:

- Advanced and Model-driven User Interface Design
- Run-time Creation & Adaptation of User Interfaces
- User-Centric Design, Cultural Aspects
- Multi-modal and Barrier-free Interaction
- Knowledge Management in User Interface Design
- Computer-Aided Design
- Usability, Human Factors, Joy of Use, Emotional Design
- Future Technologies, e.g. Tangible User Interfaces
- Case studies and project experiences, problem analyses, requirements

### Important Deadlines

Abstract submission	March 17, 2007
Notification of acceptance	April 19, 2007
Final paper	May 31, 2007
Early registration	June 30, 2007

### Submissions

We solicit short papers of maximum 6 pages length, and long papers of up to 12 pages in English addressing one or more of the above topics. Submissions with in-depth discussion of one topic are preferred above submissions with broader topics. Usage of illustrative examples is encouraged.

The author(s) should submit a 700-1000 word abstract that describes original work. At least one author should register early at <http://www.ifac-hms-2007.com> to be included in the program.

All submitted papers will be reviewed by the program committee. All papers accepted for presentation will appear in the Preprints of the meeting and will be distributed to the participants. Papers duly presented will be archived and offered for sale, in the form of Proceedings, by Elsevier Science Ltd., Oxford, UK. The papers which have been presented will be further screened for possible publication in the IFAC journals *Automatica* and *Control Engineering Practice*, or in an IFAC affiliated journal. The abstracts of all papers presented will also appear in *Control Engineering Practice*.

### Program Committee

- Prof. Detlef Zuehlke, German Research Center for Artificial Intelligence GmbH, Germany
- Daniel Goerlich, University of Kaiserslautern, Germany
- Dr. Jan Van den Bergh, Hasselt University, Belgium
- Prof. Dr. Heinrich Hussmann, University of Munich, Germany
- Prof. Shogo Nishida, Human Interface Lab, Osaka University, Japan
- Dr. phil. Jochen Koubek, Humboldt University of Berlin, Germany
- Stefan Sauer, Software Quality Lab (s-lab), University of Paderborn, Germany
- Andreas Pleuss, University of Munich, Germany
- Goetz Botterweck, University of Koblenz, Germany
- Dr. Lemai Nguyen, Deakin University, Australia
- Dr. Michael Friedewald, Fraunhofer Institute for Systems and Innovation Research, Karlsruhe, Germany
- Alexander Boedcher, University of Kaiserslautern, Germany
- Prof. Johan Stahre, Chalmers University of Technology, Sweden

### Organization

- Daniel Goerlich (main contact), Technical University of Kaiserslautern, Germany, [goerlich@mv.uni-kl.de](mailto:goerlich@mv.uni-kl.de)
- Prof. Dr.-Ing. Detlef Zuehlke, German Research Center for Artificial Intelligence (DFKI), Germany, [Zuehlke@mv.uni-kl.de](mailto:Zuehlke@mv.uni-kl.de)
- Goetz Botterweck, University of Koblenz-Landau, Germany, [botterwe@uni-koblenz.de](mailto:botterwe@uni-koblenz.de)
- Andreas Pleuss, Ludwig Maximilians University of Munich, Germany, [andreas.pleuss@ifi.lmu.de](mailto:andreas.pleuss@ifi.lmu.de)