

Summary of the 5th Workshop on
User-Centred Design and Evaluation of
Adaptive Systems

Stephan Weibelzahl
Alexandros Paramythis
Judith Masthoff

Previous workshops

- ❑ 1st in UM2001, July 2001, Sonthofen Germany
- ❑ 2nd in UM2003, June 2003, Johnstown, PA, USA
- ❑ 3rd in AH2004, August 2004, Eindhoven, The Netherlands
- ❑ 4th in UM2005, July 2005, Edinburgh, UK

Programme committee

- **David Chin**, University of Hawaii at Manoa, USA
- **Betsy van Dijk**, Twente University, The Netherlands
- **Christina Gena**, University of Turin, Italy
- **Anthony Jameson**, DFKI, Germany
- **Judith Masthoff**, University of Aberdeen, UK
- **Alexandros Paramythis**, Johannes Kepler University Linz, Austria
- **Theofanis Tsandilas**, University of Toronto, Canada
- **Gerhard Weber**, University of Education Freiburg, Germany
- **Stephan Weibelzahl**, National College of Ireland, Ireland
- **Frank Wittig**, SAP, Germany

Full Papers

- **A User-Centered Approach for Adaptive Systems Evaluation**, Gena
- **The user as wizard: A method for early involvement in the design and evaluation of adaptive systems**, Masthoff
- **Eliciting Requirements for a Adaptive Decision Support System through Structured User Interviews**, Weibelzahl et al.
- **The Use of Design Patterns for Evaluating of Personalisable Web-based Systems**, Georgiakakis et al.
- **Evaluating Adaptive Generation of Problems in Programming Tutors – Two Studies**, Kumar

Invited Talk

- **What are we trying to prove? Towards *use-centred* design for adaptive systems** Anthony Jameson, DFKI

Short papers

- **Validating the Evaluation of Adaptive Systems by User Profile Simulation**, Bravo et al.
- **Adaptive Municipal e-forms**, Kuiper et al.
- **User-centered Evaluation of Adaptive and Adaptable Systems**
van Velsen et al.

Discussion

- **33 participants**

Change compared to previous workshops

- User-Centred Design as well as evaluation
 - » Principle: Involve users early in the design process, not just in a final evaluation phase
 - » This also holds for adaptive systems
 - » However user involvement in the *design* of adaptive systems is rarely reported

Why would you do User-Centred Design?

- ❑ What to adapt to?
 - » Identification of user characteristics, tasks, contexts
- ❑ How to adapt?
 - » Algorithms
 - » User interface
- ❑ Identifying high-benefit scenarios

Questions addressed

- ❑ How can traditional UCD methods be applied?
- ❑ What new methods would be useful for the design of adaptive systems?

- ❑ Overview of evaluation methods
- ❑ Evaluation of evaluation tools (simulation of log-files)
- ❑ Case study on evaluation of an ITS
- ❑ Evaluate in realistic use-contexts
- ❑ Also evaluate overall acceptability

More Needed On ...

- ❑ Education, education, education in HCI and empirical studies
- ❑ Systematic comparison of different methods
- ❑ Using design patterns
- ❑ Making methods more explicit

Proceedings of this and all previous workshops
available from

<http://www.easy-hub.org/>

