11th GI-Workshop on
“Adaptivity and User Modeling in Interactive Software Systems”

ABIS 2003

General Information

The ABIS workshop series is organized by the German Informatics Society’s (GI) Special Interest Group on “Adaptivity and User Modeling in Interactive Software Systems” as part of the LLWA 2003 workshop week.

The ABIS workshop provides a forum for researchers, practitioners, and students to present and discuss new developments in the area of user-adaptive and personalized systems.

Topics

User-adaptive and personalized interactive systems are systems that are able to adapt their behavior to the user’s goals, interests, preferences etc.—often in a context-aware manner. The importance of such systems increases as new developments of information technology and accordant devices find their way into our everyday lives.

Software systems are becoming more and more complex and are used by a large number of users that typically differ widely regarding their experiences and knowledge. Additionally, some application scenarios become more ubiquitous and mobile by the spreading of wireless networks and—in the near future—UMTS. With regard to these new developments, topics and solutions related to user-adaptive interactive systems can play an important role for making it easier to use such devices and mobile systems.

Besides these new trends that raise new issues for the research and development of user-adaptive interactive software systems, the goal of the ABIS workshop is also to discuss results and ongoing work on more traditional topics of user-adaptivity in research and industrial projects to consolidate the basis of this line of research.
This year, we have papers that can be roughly categorized as follows:

- Basic empirical studies,
- Assistance of users in mobile scenarios,
- Adaptive Hypermedia,
- User-adaptive support for Knowledge Management,
- Machine Learning for user-adaptive systems.

In addition to traditional paper presentations and discussion, some participants agreed to give a brief demonstration of their system.

Organizers

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Program Committee

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Frank Wittig & Mathias Bauer