

Recent User Modeling Research in Germany

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A special interest group of the German Society of Informatics (GI) on User Modeling and Adaptivity in Interactive Dialog System has been founded in 1996 (ABIS Homepage). Annual workshops have been held since 1994 in academic and industrial environments (ABIS Homepage). Most subareas of user modeling and user-adaptive systems are well represented in Germany, with the following clusters being particularly active research areas:

Student modeling and student-adaptive tutoring systems: KBS Homepage, Multibook Homepage, Trier Educational Software Server.

Adaptive multimedia product presentation: Jörding 1999, Popp & Lödel 1996, Rössel 1998, Timm & Rosewitz 1998.

Interest-sensitive mobile tourist guidance systems: Deep Map Homepage, Fink et al. 1999, HIPS Homepage, Oppermann & Specht 1998, LaboUr Homepage.

Machine learning for user modeling: ML4UM Homepage, Joachims & Mlademic (1998), LaboUr Homepage, Pohl & Nick 1999, PAN Homepage, READY Homepage.

ABIS Home page: <http://fit.gmd.de/GI/fg2.3.3.html>

Deep Map Homepage: <http://www.villa-bosch.de/eml/englisch/projekte/deepmap/vision.html>

Fink, J., Kobsa, A., and Nill, J. (1999): Adaptable and Adaptive Information Provision for All Users, Including Disabled and Elderly People. *New Review of Multimedia and Hypermedia*, in print.

HIPS Homepage (GMD site): <http://fit.gmd.de/hci/projects/hips/>

Joachims, T. and Mlademic, D. (1998): Browsing-Assistenten, Tour Guides und adaptive WWW-Server. *Künstliche Intelligenz* 3/98, 23-29.

Jörding, T. (1999): Temporary User Modeling for Adaptive Product Presentations in the Web. UM99.

KBS Hyperbook Homepage: <http://www.kbs.uni-hannover.de/hyperbook/>

LaboUr Homepage: <http://fit.gmd.de/~labour/>

ML4UM Homepage: <http://fit.gmd.de/ml4um/>

Multibook Homepage: <http://www.kom.e-technik.tu-darmstadt.de/Research/mmbok/>

Oppermann, R. and Specht, M. (1998): Adaptive support for a mobile museum guide. Available at <http://www.egd.igd.fhg.de/~imc98/Proceedings/imc98-SessionMA3-2.pdf>

Pohl, W and Nick, A. (1999): Machine Learning and Knowledge-Based User Modeling in the LaboUr approach. In this volume.

Popp, H. and Lödel, D. (1996): Fuzzy Techniques and User Modeling in Sales Assistants. *User Modeling and User-Adapted Interaction* 5(3-4), 349-370.

PAN Homepage: <http://www.dfki.de/~bauer/PAN/>

Rössel, M. (1998): Pragmatische Benutzermodellierung im Adaptiven Multimedialen Präsentationssystem AMPRreS. *ABIS-98*, 67-75.

READY Homepage: <http://w5.cs.uni-sb.de/~ready/>

Trier Educational Software Server: <http://cogpsy.uni-trier.de:8000/TLserv-e.html>

Timm, U. J. and Rosewitz, M. (1998): Benutzermodellierung in der Elektronischen Produktberatung. *ABIS-98*, 105-112.