

Course C40

Ensuring the Usability of Systems That Adapt to Their Users

1 unit

Instructor:

Anthony Jameson, DFKI, Germany

Benefits:

You will acquire active, in-depth understanding of the usability issues that arise in the design of systems that adapt to their users -- ranging from personalized e-commerce web sites to adaptive user interfaces -- and of ways of dealing with these issues.

Origins:

This course is based on part of a longer tutorial previously given at CHI, IUI, and other conferences.

Features:

- Discuss case studies that concretely illustrate the usability issues raised by adaptation to users and ways in which they have been dealt with successfully.
- Learn general design strategies for avoiding usability problems while keeping the benefits of adaptation

Intended Audience:

Practitioners and researchers who are or will be involved in the design of systems that adapt to their users

Presentation Style:

Presentation and discussion of general concepts and principles with reference to concrete case studies, including live demonstrations.

Instructor's Background:

Anthony Jameson is a principal researcher at the German Research Institute for Artificial Intelligence (DFKI) and adjunct professor of human-computer interaction at the International University in Germany. He has been involved in research- and application-oriented projects concerning systems that adapt to their users for 15 years, and he has given numerous tutorials and invited talks on topics related to this course. He is the author of the chapter "Adaptive Interfaces and Agents" in the "Human-Computer Interaction Handbook" (Erlbaum, 2003 and 2006).

Detailed information about the course is available from: <http://dfki.de/~jameson/chi07-tutorial>