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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Keynote Speakers (Abstracts) -- Ambient Intelligence -- Collaborative Agents for 2D Interfaces and 3D Robots -- A Curse of Riches or a Blessing? Information Access and Awareness Under Scarce Cognitive Resources -- Full Papers -- Supporting Metadata Creation with an Ontology Built from an Extensible Dictionary -- Interaction with Web Services in the Adaptive Web -- Social Adaptive Navigation Support for Open Corpus Electronic Textbooks -- PROS: A Personalized Ranking Platform for Web Search -- A P2P Distributed Adaptive Directory -- Developing Active Learning Experiences for Adaptive Personalised eLearning -- Adaptive User Modeling for Personalization of Web

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Recommendation Systems for Web-Based Communities -- GEAHS: A Generic Educational Adaptive Hypermedia System Based on Situation Calculus -- Problem Solving with Adaptive Feedback -- Machine Learning Methods for One-Session Ahead Prediction of Accesses to Page Categories -- Gender-Biased Adaptations in Educational Adaptive Hypermedia -- An Overview of aLFanet: An Adaptive iLMS Based on Standards -- A General Meta-model for Adaptive Hypermedia Systems -- Adaptive Services for Customised Knowledge Delivery.

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## Sommario/riassunto

On behalf of the AH 2004 Program Committee, we were pleased to welcome attendees to Eindhoven for the 3rd International Conference on Adaptive Hypermedia and Adaptive Web-Based Systems. Similar to previous years, the number of research groups involved in research and innovative applications of personalization and adaptation functionalities has continued to grow, resulting in a further increase of 33% in the number of papers submitted to the conference, compared to the previous conference. From the 138 submissions we received, the program committee, in a rigorous review process, accepted 27 submissions (i.e., 20%) as full papers and 18 (i.e., 13%) as short papers. The large number of papers submitted generated a tremendous amount of work for the program committee members and the external reviewers, and we are immensely grateful for the effort they put into the process of selecting the very best papers. Together with three invited talks (by Emile Aarts, Philips Research, Candy Sidner, Mitsubishi Research, and Eric Horvitz, Microsoft Research), the AH 2004 papers provide an excellent view on the successful approaches for innovative personalization and adaptation functionalities in a variety of areas, including eLearning, eCommerce, mobile tourist guides and many more. They also show the integration of personalization functionalities being employed in Web environments, in ambient intelligence and intelligent agent contexts, and building upon adaptive hypermedia and Semantic Web technologies, Web search, Web services, social and peer-to-peer networks, and recommender systems, among others.

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