

1. Record Nr.	UNINA9910144166403321
Titolo	Adaptive Hypermedia and Adaptive Web-Based Systems : Third International Conference, AH 2004, Eindhoven, The Netherlands, August 23-26, 2004, Proceedings / / edited by Wolfgang Nejdl, Paul De Bra
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2004
ISBN	9783540277804 3-540-27780-3
Edizione	[1st ed. 2004.]
Descrizione fisica	1 online resource (XIV, 450 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 3137
Disciplina	006.7776
Soggetti	Application software Multimedia systems Information storage and retrieval Natural language processing (Computer science) Computer Applications Multimedia Information Systems Information Systems Applications (incl. Internet) Information Storage and Retrieval Natural Language Processing (NLP)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
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

Contents -- Invoking Web Applications from Portals: Customisation  
Implications -- The Personal Reader: Personalizing and Enriching  
Learning Resources Using Semantic Web Technologies -- An  
Experiment in Social Search -- Recent Soft Computing Approaches to  
User Modeling in Adaptive Hypermedia -- A Flexible Composition  
Engine for Adaptive Web Sites -- Intelligent Support to the Retrieval of  
Information About Hydric Resources -- CUMAPH: Cognitive User  
Modeling for Adaptive Presentation of Hyper-documents. An  
Experimental Study. -- Personalized Web Advertising Method --  
Flexible Navigation Support in the WINDS Learning Environment for  
Architecture and Design -- Evaluation of WINDS Authoring Environment  
-- On the Dynamic Generation of Compound Critiques in  
Conversational Recommender Systems -- Evaluating Adaptive Problem  
Selection -- Adaptive Presentation and Navigation for Geospatial  
Imagery Tasks -- Myriad: An Architecture for Contextualized  
Information Retrieval and Delivery -- Cross-Media and Elastic Time  
Adaptive Presentations: The Integration of a Talking Head Tool into a  
Hypermedia Formatter -- Assessing Cognitive Load in Adaptive  
Hypermedia Systems: Physiological and Behavioral Methods --  
Context-Aware Recommendations in the Mobile Tourist Application  
COMPASS -- Utilizing Artificial Learners to Help Overcome the Cold-  
Start Problem in a Pedagogically-Oriented Paper Recommendation  
System -- Unison-CF: A Multiple-Component, Adaptive Collaborative  
Filtering System -- Using SiteRank for Decentralized Computation of  
Web Document Ranking -- Short Papers -- Web Information Retrieval  
Based on User Profile -- Adaptive Support for Collaborative and  
Individual Learning (ASCIL): Integrating AHA! and CLAROLINE --  
Specification of Adaptive Behavior Using a General-Purpose Design  
Methodology for Dynamic Web Applications -- Using the X3D Language  
for Adaptive Manipulation of 3D Web Content -- Evaluation of APeLS --  
An Adaptive eLearning Service Based on the Multi-model, Metadata-  
Driven Approach -- SearchGuide: Beyond the Results Page -- Modeling  
Learners as Individuals and as Groups -- Adaptive Help for Webbased  
Applications -- Empirical Evaluation of an Adaptive Multiple Intelligence  
Based Tutoring System -- Evaluating Information Filtering Techniques  
in an Adaptive Recommender System -- Adaptive Educational  
Hypermedia Proposal Based on Learning Styles and Quality Evaluation  
-- Adaptive Course Player for Individual Learning Styles -- Rhetorical  
Patterns for Adaptive Video Documentaries -- Location-Aware Adaptive  
Interfaces for Information Access with Handheld Computers -- PSO: A  
Language for Web Information Extraction and Web Page Clipping --  
Swarm-Based Adaptation: Wayfinding Support for Lifelong Learners --  
Giving More Adaptation Flexibility to Authors of Adaptive Assessments  
-- A Generic Adaptivity Model in Adaptive Hypermedia -- Doctoral  
Consortium -- Extreme Adaptivity -- A Learner Model in a Distributed  
Environment -- A Semantic Meta-model for Adaptive Hypermedia  
Systems -- Adaptive Navigation for Self-assessment Quizzes -- Posters  
-- Towards Adaptive Learning Designs -- Time-Based Extensions to  
Adaptation Techniques -- On the Use of Collaborative Filtering  
Techniques for the Prediction of Web Search Result Rank -- A Thematic  
Guided Tour Model for Contextualized Concept Presentations -- A  
Fuzzy Set Based Tutoring System for Adaptive Learning -- Offering  
Collaborative-Like Recommendations When Data Is Sparse: The Case of  
Attraction-Weighted Information Filtering -- Using Concept Maps for  
Enhancing Adaptation Processes in Declarative Knowledge Learning --  
An Adaptive Tutoring System Based on Hierarchical Graphs -- A Brief  
Introduction to the New Architecture of SIETTE -- A Reinforcement  
Learning Approach to Achieve Unobtrusive and Interactive

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.

---

#### 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 - persons 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.

---