

1. Record Nr.	UNISA996465422703316
Titolo	Adaptive Hypermedia and Adaptive Web-Based Systems [[electronic resource]] : 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	9783540277803 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 information 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 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.
