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Nota di contenuto	Contents; Preface; User Modeling and Profiling; 1. Personalization-Privacy Tradeoffs in Adaptive Information Access B. Smyth; 1.1. Introduction; 1.2. Case-Study 1 - Personalized Mobile Portals; 1.2.1. The challenges of mobile information access; 1.2.1.1. Mobile internet devices; 1.2.1.2. Browsing versus search on the mobile internet; 1.2.2. The click-distance problem; 1.2.3. Personalized navigation; 1.2.3.1. Profiling the user; 1.2.3.2. Personalizing the portal; 1.2.4. Evaluation; 1.2.4.1. Click-distance reduction; 1.2.4.2. Navigation time versus content time 1.3. Case-Study 2: Personalized Web Search 1.3.1. The challenges of web search; 1.3.2. Exploiting repetition and regularity in community-based web search; 1.3.3. A case-based approach to personalizing web search; 1.3.4. Evaluation; 1.3.4.1. Successful sessions; 1.3.4.2. Selection positions; 1.4. Personalization-Privacy: Striking a Balance; 1.5. Conclusions; Acknowledgments; References; BIOGRAPHY; 2. A Deep Evaluation of Two Cognitive User Models for Personalized Search F. Gasparetti and A. Micarelli; 2.1. Introduction; 2.2. Related Work; 2.3. SAM-based User Modeling Approach

2.3.1. SAM: search of associative memory; 2.3.2. The user modeling approach; 2.3.2.1. LTS and STS; 2.3.2.2. Sampling and Recovery; 2.3.2.3. Learning; 2.3.2.4. Interaction with Information Sources; 2.3.3. HAL-based User Modeling Approach; 2.4. Evaluation; 2.4.1. Evaluating User Models in Browsing Activities; 2.4.2. Corpus-based evaluation; 2.4.3. Precision vs. Number of Topics; 2.4.4. Precision vs. Extracted Cues; 2.4.5. Precision vs. Size of STS; 2.4.6. Precision vs. Number of Recovery Attempts; 2.5. Conclusions; References; BIOGRAPHIES

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4. User Modelling Sharing for Adaptive e-Learning and Intelligent Help K. Kabassi, M. Virvou and G. A. Tsihrintzis

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Sommario/riassunto

The phenomenal growth of the Internet has resulted in huge amounts of online information, a situation that is overwhelming to the end users. To overcome this problem, personalization technologies have been extensively employed. The book is the first of its kind, representing research efforts in the diversity of personalization and recommendation techniques. These include user modeling, content, collaborative, hybrid and knowledge-based recommender systems. It presents theoretic research in the context of various applications from mobile information access, marketing and sales and web service
