

Preface

The 23rd International Conference on User Modeling, Adaptation, and Personalization (UMAP 2015) was held in Dublin, Ireland, from June 29 to July 3, 2015. UMAP is the premier international conference for researchers and practitioners working on systems that adapt to their individual users or to groups of users. UMAP is the successor of the biennial User Modeling (UM) and Adaptive Hypermedia and Adaptive Web-based Systems (AH) conferences that were merged in 2009. It is organized under the auspices of User Modeling Inc. The conference spans a wide scope of topics related to user modeling, adaptation, and personalization. UMAP 2015 was focused on bringing together cutting-edge research from user interaction and modeling, adaptive technologies, and delivery platforms. UMAP 2015 had the theme “Contextualizing the World,” highlighting the significance and impact of user modeling and adaptive technologies on a large number of everyday application areas such as: intelligent learning environments, recommender systems, eCommerce, advertising, personalized information retrieval and access, digital humanities, eGovernment, cultural heritage, and personalized health.

The conference included high-quality peer-reviewed papers of three kinds: research, experience, and industry. The research papers present substantive new research results on user modeling, adaptation, and/or personalization. The experience papers present innovative applications of user modeling, adaptation, and personalization, exploring the benefits and challenges of applying user modeling techniques and adaptation technology in real-life applications and contexts. The industry papers showcase mature and solid use of user modeling, adaptation and personalization, clearly illustrating the benefits and challenges of applying user modeling techniques and adaptation technology in commercial contexts.

The international Program Committee consisted of 118 leading members of the user modeling and adaptive hypermedia communities as well as highly promising young researchers. They were assisted by 20 additional reviewers. There were 112 submissions, each submission received three reviews; program chairs facilitated consensus achievement when needed. In all, 25 submissions (28 % acceptance rate) were accepted for long presentation at the conference, another seven papers were accepted for short presentation at the conference (30 % acceptance rate), and one paper was accepted in the industry track. The overall acceptance rate was 29 %. The papers addressed well-established as well as emerging topics in user modeling, adaptation, and personalization. Among these are: recommender systems, group decision making, user personality and emotions, tracking user actions, social network analysis, eye tracking, intelligent tutoring systems, mobile guides, gaming, privacy, context awareness, student modeling, and exploratory search.

Three distinguished researchers gave plenary invited talks on related topics, illustrating prospective directions for the field. Jaime Teevan is a senior researcher at Microsoft Research and an affiliate assistant professor at the University of Washington.

Working at the intersection of human–computer interaction, information retrieval, and social media, she studies people’s information-seeking activities. Ed H. Chi is a research scientist at Google. Previously, he was the area manager and a principal scientist at Palo Alto Research Center’s Augmented Social Cognition Group. He led the group in understanding how Web2.0 and Social Computing systems help groups of people to remember, think, and reason. Dr Eoin O’Dell is an associate professor of law and chair of the fellows in Trinity College Dublin. He researches and publishes primarily in the fields of freedom of expression, and private and commercial law, and especially where they overlap in IP, IT, and cyberlaw.

The conference also included a doctoral consortium that provided an opportunity for doctoral students to explore and develop their research interests under the guidance of a panel of distinguished scholars. This track received seven submissions of which four were accepted as full presentations.

The UMAP2015 program included the following workshops:

- Deep Content Analytics Techniques for Personalized and Intelligent Services: organized by Lora Aroyo, Geert-Jan Houben, Pasquale Lops, Cataldo Musto, and Giovanni Semeraro
- Personalization Approaches in Learning Environments: organized by Milos Kravcik, Olga C. Santos, Jesus G. Boticario, Maria Bielikova, and Tomas Horvath
- Personalization and Adaptation in Technology for Health: organized by Cecile Paris, Floriana Grasso, Matt Dennis, and Kirsten Smith
- Personalization in eGOVernment and Smart Cities — Smart Services for Smart Territories: organized by Nikolaos Loutas, Fedelucio Narducci, Adegboyega Ojo, Matteo Palmonari, Cécile Paris, and Giovanni Semeraro

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