

UMAP 2016 Doctoral Consortium Posters

Preface

Maria Bielikova

Faculty of Informatics and Information Technologies
Slovak University of Technology in Bratislava
maria.bielikova@stuba.sk

Vania Dimitrova

School of Computing, University of Leeds
United Kingdom
V.G.Dimitrova@leeds.ac.uk

The UMAP 2016 Conference, following a tradition started in 1994, included a Doctoral Consortium (DC) Session. Doctoral Consortium provides an opportunity for doctoral students to explore and develop their research interests under the guidance of a panel of distinguished research faculty. Doctoral students have been invited to apply to present their research to scholars and researchers in the field who provide constructive feedback and advice.

The doctoral consortium is implemented as a student mentoring program that introduces students to senior researchers in the relevant fields.

Doctoral students have been asked to document in a brief submission their research project. Each DC submission was encouraged to consider the following: identification of related (state of the art) work, indication of potential innovation, application or contribution for which the work is aimed. In addition, as appropriate for the PhD project, the submissions could consider: indication of data to be used for experimentation, indication of implementation approach, indication of evaluation criteria and experimental design.

The UMAP 2016 Doctoral Consortium attracted 18 submissions. Each submission was reviewed by three members of the UMAP 2016 DC program committee.

- 9 good quality submissions were selected to be presented at a Doctoral Consortium Session as part of the conference. These submissions, which were included in the main conference proceedings.
- 7 promising, but less well-developed submissions have been selected for presentation at a poster session. These DC submissions are included in these UMAP2016 Extended proceedings.

To facilitate cross-fertilization of research ideas and encourage cross-disciplinary connections, the two collocated conferences UMAP2016 and Hypertext 2016 had a joint Doctoral Consortium session. The participants presented their work with substantial time allowed for feedback and discussion.

UMAP2016 DC Program Committee

Liliana Ardissono, University of Torino, Italy
Ryan Baker, Teachers College, Columbia University, USA
Shlomo Berkovsky, CSIRO, Australia
Peter Brusilovsky, University of Pittsburgh, USA
Robin Burke, DePaul University, USA
Federica Cena, University of Torino, Italy

Li Chen, Hong Kong Baptist University, Hong Kong
David Chin, University of Hawaii, USA
Alexandra Cristea, University of Warwick, UK
Marco De Gemmis, University of Bari, Italy
Pasquale De Meo, VU University, Amsterdam, Netherlands
Fabio Gaspiretti, ROMA TRE University, Italy
Cristina Gena, University of Torino, Italy
Panagiotis Germanakos, University of Cyprus, Cyprus
Eelco Herder, L3S Research Center, Germany
Geert-Jan Houben, TU Delft, Netherlands
Tsvi Kuflik, The University of Haifa, Israel
Roger Nkambou, Université du Québec À Montréal, Canada
Francesco Ricci, Free University of Bozen-Bolzano, Italy
Olga C. Santos, aDeNu Research Group (UNED), Spain
Ben Steichen, Santa Clara University, USA
Marko Tkalcic, Free University of Bolzano, Italy
Christoph Trattner, KMI, TU-Graz, Austria
Massimo Zancanaro, FBK-cit, Italy
Ingrid Zukerman, Monash University, Australia

UMAP2016 DC Chairs

Maria Bielikova, Slovak University of Technology in Bratislava, Slovakia
Vania Dimitrova, University of Leeds, United Kingdom

LIST OF UMAP 2016 DC POSTER PAPERS

- Ifeoma Adaji: Improving E-Commerce User Experience with Data-Driven Personalized Persuasion & Social Network Analysis supervised by Julita Vassileva
- David Alfter: Learning the Learner: User Modeling in Intelligent Computer Assisted Language Learning Systems supervised by Lars Borin and Elena Volodina
- Diego Dermeval: Intelligent Authoring of Gamified Intelligent Tutoring Systems supervised by Ig Ibert Bittencourt
- Christian Grévisse: Adaptive Literacy-Aware Integration of Learning Material supervised by Steffen Rothkugel
- Patrik Hlavac: Impact of characteristics of individuals on evaluating the quantitative studies supervised by Jakub Šimko and Mária Bieliková
- Kwan Hui Lim: Personalized Recommendation of Travel Itineraries based on Tourist Interests and Preferences supervised by Shanika Karunasekera, Christopher Leckie and Jeffrey Chan
- Jonathas Magalhães: A Bayesian User-Controllable Recommender System supervised by Evandro Costa
- Somayeh Fatahi: A computational model of emotion and personality in e-learning environments supervised by Hadi Moradi