



David Massimo

Curriculum Vitae

Short Bio

David Massimo is a PhD Candidate at the Faculty of Computer Science, Free University of Bozen-Bolzano. His research activity focuses on recommender systems and tools for decision support in tourism and museum domains. In particular, he uses huge amounts of data collected from various sensors (IoT devices) to provide useful suggestions to users in the Smart City and Smart Heritage scenarios. The research is partially funded by the Market Space project through which he actively collaborates with Ectrl Solutions. Previously, he also worked on recommender systems in the domain of Well Being, with the specific attention on nutrition problems.

List of Publications

- 2019 **Clustering Users' POIs Visit Trajectories for Next-POI Recommendation (to appear)**, *David Massimo, Francesco Ricci*, Conference on Information and Communication Technologies in Tourism (ICTT 2019), Nicosia, Cyprus.
- 2018 **Harnessing a generalised user behaviour model for next-POI recommendation**, *David Massimo, Francesco Ricci*, 12th ACM Conference on Recommender Systems (RecSys 2018), Vancouver, Canada.
- 2018 **User Behaviour Analysis in a Simulated IoT Augmented Space**, *David Massimo, Elena Not, Francesco Ricci*, 23rd International Conference on Intelligent User Interfaces (IUI 2018), Tokyo, Japan.
- 2018 **User Preference Modeling and Exploitation in IoT Scenarios**, *David Massimo*, 23rd International Conference on Intelligent User Interfaces (IUI 2018), Tokyo, Japan.
- 2018 **Sequential Recommendations in IoT Scenarios with a Generalized User Behaviour Model**, *David Massimo, Francesco Ricci*, 9th Italian Information Retrieval Workshop (IIR 2018), Rome, Italy.
- 2018 **Tangible Tourism with the Internet of Things**, *Dario Cavada, Mehdi Elahi, David Massimo, Stefano Maule, Elena Not, Francesco Ricci, Adriano Venturini*, Conference on Information and Communication Technologies in Tourism (ICTT 2018), Jönköping, Sweden.

- 2017 **Learning User Preferences by Observing User-Items Interactions in an IoT Augmented Space**, *David Massimo, Mehdi Elahi, Francesco Ricci*, 25th ACM International Conference on User Modeling, Adaptation, and Personalization (UMAP 2017), Bratislava, Slovakia.
- 2017 **Item Contents Good, User Tags Better: Empirical Evaluation of a Food Recommender System**, *David Massimo, Mehdi Elahi, Francesco Ricci, Mouzhi Ge*, 25th ACM International Conference on User Modeling, Adaptation, and Personalization (UMAP 2017), Bratislava, Slovakia.
- 2015 **Integrating Wearable Devices into a Mobile Food Recommender System**, *Mouzhi Ge, David Massimo, Francesco Ricci, Floriano Zini*, 7th International Conference on Mobile Computing, Applications and Services (MobiCASE 2015), Berlin, Germany.
- 2015 **Health-aware Food Recommender System**, *Mouzhi Ge, Francesco Ricci, David Massimo*, 9th ACM Conference on Recommender Systems (RecSys 2015), Vienna, Austria.
- 2015 **Using Tags and Latent Factors in a Food Recommender System**, *Mouzhi Ge, Mehdi Elahi, Ignacio Fernández-Tobías, Francesco Ricci, David Massimo*, 5th International Conference on Digital Health 2015 (DigitalHealth 2015), Pisa, Italy.
- 2015 **Interaction Design in a Mobile Food Recommender System**, *Mehdi Elahi, Mouzhi Ge, Francesco Ricci, Ignacio Fernández-Tobías, Shlomo Berkovsky, David Massimo*, Workshop on Interfaces and Human Decision Making for Recommender Systems co-located with ACM Conference on Recommender Systems (IntRS 2015@RecSys 2015), Vienna, Austria.
- 2014 **Interactive Food Recommendation for Groups**, *Mehdi Elahi, Mouzhi Ge, Francesco Ricci, David Massimo, Shlomo Berkovsky*, 8th ACM Conference on Recommender Systems (RecSys 2014), Foster City, USA.

Languages

- Italian **Mothertongue**
English **Working Proficiency**
German **Working Proficiency**

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