

# IMMM 2012

## Foreword

The Second International Conference on Advances in Information Mining and Management [IMMM 2012], held between October 21-26, 2012 in Venice, Italy, continued a series of academic and industrial events focusing on advances in all aspects related to information mining, management, and use.

The amount of information and its complexity makes it difficult for our society to take advantage of the distributed knowledge value. Knowledge, text, speech, picture, data, opinion, and other forms of information representation, as well as the large spectrum of different potential sources (sensors, bio, geographic, health, etc.) led to the development of special mining techniques, mechanisms support, applications and enabling tools. However, the variety of information semantics, the dynamic of information update and the rapid change in user needs are challenging aspects when gathering and analyzing information.

We take here the opportunity to warmly thank all the members of the IMMM 2012 Technical Program Committee, as well as the numerous reviewers. The creation of such a high quality conference program would not have been possible without their involvement. We also kindly thank all the authors who dedicated much of their time and efforts to contribute to IMMM 2012. We truly believe that, thanks to all these efforts, the final conference program consisted of top quality contributions.

Also, this event could not have been a reality without the support of many individuals, organizations, and sponsors. We are grateful to the members of the IMMM 2012 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that IMMM 2012 was a successful international forum for the exchange of ideas and results between academia and industry and for the promotion of progress in the field of information mining and management.

We are convinced that the participants found the event useful and communications very open. We also hope the attendees enjoyed the charm of Venice, Italy.

### **IMMM Chairs:**

Philip Davis, Bournemouth and Poole College - Bournemouth, UK

David Newell, Bournemouth University - Bournemouth, UK

Petre Dini, Concordia University, Canada & IARIA, USA

Andreas Holzinger, Institute for Medical Informatics, Statistics and Documentation (IMI) /  
Medical University Graz (MUG), Austria

Kuan-Ching Li, Providence University, Taiwan

Abdulrahman Yarali, Murray State University, USA

George Ioannidis, IN2 search interfaces development Ltd., UK

Johannes Meinecke, SAP AG / SAP Research Center Dresden, Germany

Robert Wrembel, Poznan University of Technology, Poland

Yulan He, Knowledge Media Institute / The Open University, UK

Stefan Brüggemann, OFFIS - Institute for Information Technology, Germany

Lena Strömbäck, Linköpings Universitet, Sweden

Roland Kübert, High Performance Computing Center Stuttgart / Universität Stuttgart, Germany

Zaher Al Aghbari, University of Sharjah, UAE

Alejandro Canovas Solbes, Polytechnic University of Valencia, Spain