The Fourth International Conference on Advances in Information Mining and Management (IMMM 2014), held between July 20-24, 2014, in Paris, France, 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 2014 Technical Program Committee, as well as the numerous reviewers. The creation of such a broad and 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 2014. 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 2014 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that IMMM 2014 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 hope that Paris, France, provided a pleasant environment during the conference and everyone saved some time to enjoy the charm of the city.

IMMM 2014 Chairs:

IMMM Advisory Committee
Philip Davis, Bournemouth and Poole College - Bournemouth, UK
Andreas Schmidt, Karlsruhe University of Applied Sciences, Germany
David Newell, Bournemouth University - Bournemouth, UK
Kuan-Ching Li, Providence University, Taiwan
Abdulrahman Yarali, Murray State University, USA
Alain Casali, Aix Marseille Université, France
Ingrid Fischer, Universität Konstanz, Germany
Christian Ernst, Ecole des Mines de St Etienne - Gardanne, France
Paolo Garza, Politecnico di Torino, Italy
Bartlomiej Jefmanski, Wroclaw University of Economics, Poland
Nathalie Pernelle, Université Paris-Sud, France
Jürgen Pfeffer, Carnegie Mellon University, USA
Jörg Scheidt, University of Applied Sciences Hof, Germany
Ariella Richardson, Jerusalem College of Technology, Israel
Lorna Uden, Staffordshire University, UK
Eli Upfal, Brown University - Providence USA
Domenico Ursino, Università Mediterranea di Reggio Calabria, Italy
Jan Zizka, Mendel University - Brno, Czech Republic
Nima Hatami, University of California - San Diego, USA

**IMMM Industry/Research Liaison Committee**
Johannes Meinecke, SAP AG / SAP Research Center Dresden, Germany
Stefan Brüggemann, Astrrium GmbH - Bremen, Germany
Olivier Caelen, Atos Worldline, Belgium
Feng Yan, Facebook Inc., USA
Katja Pfeifer, SAP AG, Germany
Arno H.P. Reuser, Reuser’s Information Services, The Netherlands
Yulan He, Knowledge Media Institute / The Open University, UK
Artura Mazeika, Max Planck Institute for Informatics - Saarbrücken, Germany
Mirela Danubianu, "Stefan cel Mare" University of Suceava, Romania
Wei Jin, Amazon.com, Seattle, USA
Olivier Caelen, Atos Worldline, Belgium
Yili Chen, Monsanto Company, USA
Gloria Bordogna, CNR - National Research Council / IDPA - Institute for the Dynamics of Environmental Processes - Dalmine, Italy
Daniel Kimming, Karlsruhe Institute of Technology, Germany
Josiane Mothe, IRIT, France
Dirk Labudde, Hochschule Mittweida, Germany
Yoseba Penya Landaburu, University of Deusto - Basque Country, Spain
Robert Wrembel, Poznan University of Technology, Poland

**IMMM Publicity Chairs**
Alessia Saggese, University of Salerno, Italy
Ludovico Boratto, Università di Cagliari, Italy
Toshio Kodama, University of Tokyo, Japan