

eKNOW 2014

Foreword

The Sixth International Conference on Information, Process, and Knowledge Management (eKNOW 2014), held between March 23-27, 2014 in Barcelona, Spain, continued a series of events related to information, process and knowledge management.

The variety of the systems and applications and the heterogeneous nature of information and knowledge representation require special technologies to capture, manage, store, preserve, interpret and deliver the content and documents related to a particular target.

Progress in cognitive science, knowledge acquisition, representation, and processing helped to deal with imprecise, uncertain or incomplete information. Management of geographical and temporal information becomes a challenge, in terms of volume, speed, semantic, decision, and delivery.

Information technologies allow optimization in searching and interpreting data, yet special constraints imposed by the digital society require on-demand, ethics, and legal aspects, as well as user privacy and safety.

Nowadays, there is notable progress in designing and deploying information and organizational management systems, expert systems, tutoring systems, decision support systems, and in general, industrial systems.

Capturing, representing, and manipulating knowledge was and still is a fascinating and extremely useful challenge from both theoretical and practical perspective. Using validated knowledge for information and process management and for decision support mechanisms raises a series of questions this conference addressed.

We take here the opportunity to warmly thank all the members of the eKNOW 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 eKNOW 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 eKNOW 2014 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that eKNOW 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, processes and knowledge management.

We are convinced that the participants found the event useful and communications very open. We hope that Barcelona, Spain, provided a pleasant environment during the conference and everyone saved some time to enjoy the charm of the city.

eKNOW 2014 Chairs:

Dirk Malzahn, OrgaTech GmbH, Germany

Roy Oberhauser, Aalen University, Germany

Conceição Granja, Norwegian Centre for Integrated Care and Telemedicine, University Hospital of North Norway, Norway

eKNOW Special Area Chairs

Technological foresight and socio-economic evolution modeling

Andrzej M.J. Skulimowski, AGH University of Science and Technology - Krakow, Poland