Proceedings

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Foreword from the Conference Chairs

The 2nd International Conference on Data and Knowledge Engineering (ICDKE 2011) is held in Milan, Italy, 6-8 September 2011. Following the great success of ICDKE 2010 in Australia, ICDKE 2011 will continue to provide a strong and reputable academic conference addressing many research disciplines in computer science. The conference is a leading international forum for researchers, developers, and end users to explore cutting-edge ideas and results and to exchange techniques. The missions of ICDKE are to share novel research solutions to problems of today’s information society that fulfil the needs of heterogeneous applications and environments and to identify new issues and directions for future research and development work. ICDKE seeks papers from academia and industry presenting research on all practical and theoretical aspects of advanced data-intensive applications and data and knowledge engineering, as well as case studies and implementation experiences. All topics related to data and knowledge engineering are of interest and within the scope of the conference. ICDKE gives researchers and practitioners a unique opportunity to share their perspectives with others interested in the various aspects of engineering.

The Program Committee consisted of more than 40 highly regarded and experienced academics in the areas of data and knowledge engineering from around the globe including the Netherlands, France, Japan, Canada, China, and the United States.

Following an active international call for papers, we received 43 full paper submissions. Each paper was peer reviewed in full by at least two independent reviewers, and in some cases three or four referees produced independent reviews. The program committee was impressed by the quality of the submissions. Only 13 papers are accepted with the acceptance rate of 30.2%. A conscious decision was made to select papers for which reviews were positive and favorable. Due to the limited number of papers that we can accept, some good papers may not be able to be included. We are confident that the high quality review process will lead to a very solid program for the conference.

We would like to take this opportunity to thank Prof. Pierangela Samarati and Dr. Yang Xiang for their constructive ideas and assistance. Without their support, ICDKE might not have been successful. We would also like to thank Dr. Daniel Tao, Dr. Lili Sun and S. Ramasamy for their assistance in publicizing the conference. Last but not least, we would like to thank all Technical Program Committee members for their excellent work on reviewing paper submissions for the conference.

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