Message from the EDOC 2015 Program Chairs

This volume features the proceedings of the 19th IEEE International EDOC Conference that took place in Adelaide, Australia, September 22–25, 2015.

The main topic of EDOC 2015 was “Leveraging Social Phenomena and Big Data in the Enterprise of the Future” and sought to explore to innovative approaches synthesizing ideas from (1) data science, (2) enterprise computing, and (3) social networks. The IEEE EDOC conference series has developed as an international platform for leading computer science researchers, IT decision makers, enterprise architects, solution designers, and practitioners to highlight the integration and collaboration between different aspects relevant to enterprise computing, such as people, processes, applications, technology, and social phenomena.

EDOC 2015 received 58 submissions, which were subjected to a thorough peer-review process. Each paper was reviewed by at least three reviewers. The reviewers’ comments were made available to the authors, who were invited to respond to the reviewers’ comments through a short rebuttal. Following the rebuttal phase, the Program Committee members were invited to discuss the papers and the authors’ replies. As a result, 17 papers were accepted as full research papers (with an acceptance rate of 29%) and 6 as short papers (with an overall acceptance rate of 40%). Good-quality papers that could not be accepted for publication in the main conference were rolled over to the workshops co-located with EDOC 2015. Demo track papers illustrating the prototypes of the next-generation software products in enterprise computing are included in the IEEE EDOC 2015 Workshop Post-Proceedings.

The conference program featured several distinguished keynotes in the area of enterprise computing: John Grundy (Swinburne University of Technology, Australia), Roger Lawrence (HP Enterprise Services, Asia-Pacific & Japan), John Mylopoulos (University of Toronto, Canada, and University of Trento, Italy), and Dave Thomas (Bedarra Research Lab, Canada).

We would like to thank all of the committed individuals who supported the conference organization and Program Committees. Without your contributions it would have been impossible to assemble the excellent program of presentations at EDOC 2015! We would like to thank the members of the Program Committee for their commitment to reviewing and selecting the best scholarly contributions. Moreover, we would like to thank Georg Grossmann (University of South Australia, Australia) and Aditya Ghose (University of Wollongong, Australia), the organizers and general chairs of this conference, for managing the local organisation. We are grateful to Jens Kolb (Ulm University, Germany) and Barbara Weber (University of Innsbruck, Austria), the workshop chairs, as well as Hoa Khanh Dam (University of Wollongong, Australia) and Muzaffar Igamberdiev (University of South Australia, Australia), the publicity chairs. Finally, we thank Chee-Fon Chang (University of Wollongong, Australia) and Matt Selway (University of South Australia), the demo track chairs, for coordinating the submission and review process for the demo submissions.

Enjoy reading the collection of EDOC 2015 full and short papers provided in these proceedings.

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