Message from the EDOC 2016 Program Chairs

This volume features the proceedings of the 20th IEEE International EDOC Conference that took place in Vienna, Austria, September 5-9, 2016.

The main topic of EDOC 2016 was “Enabling innovative business models in the enterprise of the future” and sought to explore 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 2016 received 65 submissions, which were subjected to a thorough peer-review process. Each paper was reviewed by at least three reviewers. In the following, the Program Committee members were invited to discuss the papers in order to develop an agreement on their merits and shortcoming. As a result, 15 papers were accepted as full research papers (with an acceptance rate of 23%). Good-quality papers that could not be accepted for publication in the main conference were rolled over to the demo session and the workshops co-located with EDOC 2016. Demo track papers illustrating the prototypes of the next-generation software products in enterprise computing are included in the IEEE EDOC 2016 Workshop Proceedings.

The conference program featured several distinguished keynotes in the area of enterprise computing: Fabio Casati (University of Trento, Italy), Andreas Braun (Global Data & Analytics at Allianz SE, Germany), Paul Grefen (Eindhoven University of Technology, The Netherlands).

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 2016! 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 Stefanie Rinderle-Ma (University of Vienna, Austria) as the general chair, Monika Hofer-Mozelt (University of Vienna, Austria) as the local organization chair and Georg Kaes and Manuel Gall (University of Vienna, Austria) as web chairs of this conference for managing the organization of the conference. We are grateful to Remco Dijkman (Eindhoven University of Technology, The Netherlands) and Luis Ferreira Pires (University of Twente, The Netherlands) serving as the workshop chairs, as well as Andreas Rogge-Solti (Vienna University of Economics and Business, Austria) serving as the publicity chairs. Finally, we thank Walid Fdhila (University of Vienna, Austria) and Stefan Schulte (Technical University of Vienna, Austria), the demo track chairs, for coordinating the submission and review process for the demo submissions.

Enjoy reading the collection of EDOC 2016 full and short papers provided in these proceedings.

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