Message from the General Chairs

It is our great pleasure to welcome you to the main Euromicro event 2017, the well-established co-located conferences SEAA (43rd Euromicro Conference on Software Engineering and Advanced Applications) and DSD (20th Euromicro Conference on Digital System Design) in Vienna, Austria.

These two well-known and long-standing conferences are co-located to cover all areas a up-to-date microelectronics technologies, hardware, software and systems, which together build the backbone of today’s “smart worlds” of connected “Things” and cyber-physical systems, changing in a disruptive manner our lives and society. This arrangement of shared keynote speeches, interdisciplinary networking at coffee/lunch breaks and the social program, offers unique opportunities for researchers and industry to exchange ideas, learn from each other, meet and interact in a convenient manner and relaxed atmosphere. Up to six parallel sessions allow the participants to change freely between sessions and to listen to papers on different topics, on new developments and influencing trends.

The Program Chairs of SEAA and DSD, supported by a large number of track chairs and special session organizers and their several program committees, performed a huge task in attracting high-quality submissions, reviewing, providing helpful feedback to the authors for improvement, and selecting the best papers and poster session contributions. This results in a well-structured overall program with a variety of tracks, special sessions, posters and demo sessions covering all areas of the conferences. Distinguished keynote speeches, shared between both conferences in the large plenary room, are a central part of the program, providing insight in key topics of interest, challenges and megatrends.

It has been a pleasure to work with the program chairs of DSD and SEAA, their teams of track and special session chairs, their international program committees, and, last but not least, the authors who contribute considerably to the success and recognition of the Euromicro conference series. Thank you!

Thanks to Euromicro, their chairpersons and officers, who continue to manage and keep running the Euromicro conference series, for their support. We want to thank also the organizing organizations, University of Technology of Vienna, AIT Austrian Institute of Technology and OCG, the Austrian Computer Society, and the City of Vienna hosting our social event in the City Hall of Vienna. Furthermore, we want to thank the Austrian Federal Ministry of Science, Research and Economy, and the Austrian Federal Ministry of Transport, Innovation and Technology, for supporting not only the scientific organizations acting for Euromicro 2017, but also for actively developing and funding research programs particular in the areas of interest of these conferences, in national and European context.

We hope you cannot only get new insights in fascinating technologies and disruptive developments, but will also be able to enjoy the fascinating cultural background and history of Vienna and Austria, being aware, that there is a lot of Science and Technology to be found, directing the path to the future!

Welcome to Euromicro 2017 in Vienna and ENJOY!

Erwin Schoitsch, AIT Austrian Institute of Technology
Radu Grosu, University of Technology, Vienna