Message from the General Chair

It is my great pleasure to welcome you to the main Euromicro event 2018 in Prague. I have to emphasize that you are welcome not to one but to two well-known and long-standing conferences, the 44th Euromicro Conference on Software Engineering and Advanced Applications (SEAA) and to the 21st Euromicro Conference on Digital System Design (DSD). These two conferences are co-located to cover all areas of 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. It should help us to active and up-to-date contribution to 4th industrial revolution.

The organization with the sharing the keynote speeches, coffee/lunch breaks and social program, offers unique opportunities for researchers to meet, interact, discuss, and exchange new ideas, which are all so important for learning and influencing new developments and new tendencies. Program Chairs of DSD and SEAA, helped by a strong set of program committees, were busy with the paper selection process, choosing the highest quality works and providing useful feedback to the authors. They assembled rich programs with a variety of tracks and special sessions covering all areas of the conferences. Five keynote speeches, common to both conferences, stand out as a central part of the program, the rest is organized into six parallel sessions.

As Euromicro DSD/SEAA 2018 general chair, I would like to express my sincere thanks to this year program co-chairs of DSD Martin Novotný and Nikos Konofaos and program co-chairs of SEAA Tomáš Bureš and Lefteris Angelis, as well as the Steering Committee and Program Committee members of DSD and SEAA for their efforts and performance in putting together a high quality program. I also thank the DSD Publicity Chair Paris Kitsos, the DSD and SEAA publication chair Amund Skavhaug for their overwhelming support at all levels.

Finally, I would like to acknowledge our appreciation to the sponsors, partners, and other support of the Euromicro DSD/SEAA 2018: Czech Technical University in Prague because the conferences and other actions are organized at the university campus, Euromicro, CYIENT, ASICentrum, IMA, CESNET, and AMCA conference agency.

Welcome to the DSD and SEAA 2018 to Prague and I hope that your stay at my university campus will be both enjoyable and beneficial!

Hana Kubátová
Euromicro DSD/SEAA 2018 General Chair