Message from the Program Chairs

As program chairs of the 2014 edition of DSD, the EUROMICRO Conference on Digital System Design, we want to welcome you and to wish you a pleasant and fruitful participation.

Our first thoughts and thanks go to the authors who provided us with a considerable volume of high quality contributes, making it nicely difficult the task of submissions selection.

In any case we indeed hope that all authors, regardless of whether their works were selected for presentations or not, did benefit from the suggestions and the recommendations offered by the more than 200 expert reviewers that helped us in this process.

We further hope that those accepted at the Conference will obtain useful feedback for their projects with plenty of chances to discuss new ideas and to enlarge their network of contacts.

164 papers were submitted to DSD 2014, from 50 countries. Slightly less than 50% were selected for oral presentation: 41 in the main track, and 40 in the conference Special Sessions. In addition, 22 papers were selected for poster presentation and 4 were invited to the Special Session dedicated to ongoing activity in European R&D projects in the DSD area. All selected papers were subject to a rigorous review process that averaged three reviews per paper, and were ranked and thresholded according to their scores, weighted by the reviewers confidence.

Paper reviewing is an extremely important job, one that sometimes goes unnoticed, and we would like to thank and recognize the generous work of the reviewers who could find precious time in their daily activities to improve, comment and score papers submitted to DSD. This is a contribution that is really the core of a successful event.

Moreover we are honored to have a really qualified Program Committee whose members are active and highly recognized actors in all fields of digital system design. They are the true pillars of the success of DSD and their continued effort, expertise and wisdom is dramatically necessary to keep raising the high level of scientific recognition that we have achieved.

Our thanks to all of them and also to the additional reviewers that were invited to help in this fundamental task.

Trying to assemble the best possible program we tightly worked with Davide Quaglia and his colleagues at the University of Verona (in particular Marta Capiluppi), and with Rick Rabiser and Richard Torkar organizers of SEAA, agreeing on a common layout exploiting highly-qualified keynote speakers coming either from the industry and from the academic world that will motivate and interest both audiences. We are sure that Alberto Broggi depicting his well famous self-driving systems, Jeroen Leijten talking about his activity on high performance computing at Intel and Yervant Zorian illustrating his experience on SoC at Synopsys will capture the participants attention. We want to sincerely thank all these friends for all their efforts and valuable comments and suggestions!

We put together a program that tries to be coherent in each session while offering a wide variety of topics covered by the conference main track and by a set of Special Sessions that range from Digital Radio Applications to Multicore, Mixed Criticality and CyberPhysical Systems, Fault Tolerance, Security issues...
and Emerging Technologies. Many thanks to the Special Sessions Chairs for being so active and successful in attracting submissions in new areas, and for managing with such care and competence the delicate reviewing process.

Thanks also to Erwin Grosspietsch and Konrad Kloeckner for assembling the Work in Progress Session, that provides us, every year, with a very interesting view on projects that, although not completely mature and chiseled, nevertheless contain very interesting issues and ideas.

Many thanks also to Amund Skavhaug valuable help for all those issues related to relationship with IEEE and publishing and to Paris Kitsos for all his efforts in publicity and diffusion!

And many thanks (and in this case also “kisses”!) to Brigitte and Tanya, of the Euromicro’s Office, for their irreplaceable and tireless work of technical support in solving authors problems that sometimes turn out in a psychological endorsement really essential also for the Program Chairs.

A lot of people worked hardly to make this an unforgettable event. It is up to you now to participate actively, to enjoy the Conference, and make the most of it.

We look forward to see you in Verona a marvelous north-eastern Italian town, in the heart of a rich industrial area, declared as UNESCO World Heritage Site and also in this sense a really valuable seat to host an event based on similar cultural values like research, scientific exchange and friendship.

Welcome to Italy. Welcome to Verona. Welcome to DSD 2014.

Francesco Leporati
José Silva Matos
EUROMICRO DSD 2014 Program Chairs