Message from the Program Chair

Euromicro Symposium on Digital System design: Architectures, Methods and Tools (DSD) addresses the key issues in design, architectures and implementation of digital systems. DSD is a discussion forum for researchers and engineers working on architectures and implementations of (embedded) digital systems, as well as efficient design methods and tools. It is a discussion forum for researchers and engineers working on state-of-the-art investigations, development, and applications in digital systems, processor and memory architectures, application specific processors, systems-on-a-chip, hardware/software co-design, circuit design, system validation, and design automation.

This year, DSD2006 hosted two special sessions, namely Special Session on Resource-Aware Sensor Network Systems organized by Matthias Handy, University of Rostock (DE) and Special Session on Low-Power and High-Performance Networks-on-Chip organized Claas Cornelius and Frank Sill, University of Rostock (DE). I would like to thank the Special Session organizers and their respective program committee for their time and effort in organizing the Special Sessions.

This year, DSD attracted 143 submissions from all around the world. The increased number of submissions and wider geographical spread demonstrates the growing popularity of DSD and the relevance of the topics covered. All the papers were put through a stringent and blind review process in which each paper was refereed by at least two independent referees. In some uncertain cases, the number of referees was up to four. Based on the referee reports, the Program Committee selected 32 papers for long presentation, 40 papers for short presentation and 24 papers for poster presentation.

The four keynote and four invited speeches are very topical and are presented by experts from industry and academia. I am sure all participants will enjoy and benefit from the keynote and invited presentations.

It is a privilege and honor for me to chair the DSD Program Committee. It has been a rewarding experience. I express my sincere thanks to all the Program Committee members for their cooperation in the refereeing process. I highly appreciate the speedy work of the additional referees who did an excellent job in short notice. I would like to express my thanks and gratitude to the Steering Committee members Lech Jozwiak, Antonio Nunez and Krzysztof Kuchcinski for their constant support and advice. I would like to mention particularly the unreserved help extended by Prof. Lech Jozwiak. The symposium could not materialize without the organizing Committee General Ivica Cronkovic and the Organizing Local Chair Zoran Kalafatic. Their hard work will be certainly fruitful to all the participants and make the stay in Cavtat a wonderful experience. My thanks and appreciation goes to the entire organizing team. I would like to thank my graduate students, Shruti Patil, Ashwini Raina and Naveen Chintalacheruvu who have contributed in many tasks like maintaining the database, distributing papers for review and communicating with authors.

Last but not least, I would like to thank all the authors for your interest in DSD. Thank you for your time and effort in preparing and submitting your work to DSD and your patience through the long process. Your hard work is the backbone of the conference.

I wish you all a pleasant and fruitful meeting in Cavtat.

Venki Muthukumar