Message from the Program Chairs

Over the past 41 years the EUROMICRO Conference series on Software Engineering and Advanced Applications (SEAA) has provided a forum where researchers, practitioners from business and industry, and students present and discuss the latest innovations, trends, experiences, and concerns in the field of Software Engineering and Advanced Applications in information technology for software-intensive systems.

The conference continues the tradition of focusing on innovative and advanced fields in software engineering and its applications. As in recent years, the 41st EUROMICRO conference offers several tracks and special sessions that reflect up-to-date trends in research and in practice. This year, there are seven main tracks, as follows:

- Model-based Development, Components, and Services (MOCS)
- Software Process and Product Improvement (SPPI)
- Software Management: Measurement, Peopleware and Innovation (SM)
- Embedded Software Engineering (ESE)
- Developing for the Cloud Software (DFTC)
- Software Product Lines and Software Ecosystems (SPLSeco)
- Cyber-Physical Systems (CPS)

In addition to these main conference tracks, the program also includes three special sessions on emerging and promising topics that are likely to have an impact on both research and industry in the near future:

- Estimation and Prediction in Software & Systems Engineering (EsPreSSE, inside the SM Track)
- Teaching, Education and Training for Dependable Embedded and Cyberphysical Systems (TET-DEC, inside the ESE Track)
- Systematic Literature Reviews and Mapping Studies (SMSE, inside the SPPI Track)

The 41st edition (SEAA 2015) has been organized by the Universities of Porto and Madeira, and will take place at Funchal (Madeira Island), from the 26th to the 28th of August 2015.

SEAA 2015 received an overall number of 127 papers. All papers have been rigorously peer reviewed by an international program committee. As a result, 49 were accepted as full papers (39%), 26 as short papers (20%), and 5 as tool demos and/or posters (4%). We believe that these accepted contributions constitute a stimulating program and will provide many new ideas and insights.

In addition to the research papers, there are two keynote speeches: one by Professor Pernille Bjørn, who is a Full Professor in Computer Science at the University of Copenhagen (Denmark), on the topic of Global Software Development in a CSCW perspective: From Distance to Politics; another by Dr. Aldo Dagnino, who leads the Software Architectures and Software Technologies Research Group at the US Corporate Research Center of ABB (United States of America), on the topic of Measuring the Economic Benefits of Process Improvement in Software Development Organizations.
Many people have contributed to make this year’s event possible and successful. We would like to thank all the chairs of the different tracks and special sessions:

- Kung-Kiu Lau and Tomas Bures for organizing the MOCS track
- Rick Rabiser and Stefan Biffl for organizing the SPPI track
- Carmine Gravino and Onur Demirörs for organizing the SM track
- Mark Bartlett and Etienne Borde for organizing the ESE track
- Ivan Porres and Juha Plosila for organizing the DFTC track
- Imed Hammouda and Eric Knaus for organizing the SPLSeco track
- Christian Berger, Horst Wedde, and Karl-Erwin Großpietsch for organizing the CPS track
- Frank Elberzhager and Rudolf Ramler for organizing the EsPreSSE session
- Amund Skavhaug and Erwin Schoitsch for organizing the TET-DEC session
- Steve Counsell and Tayana Conte for organizing the SMSE session

Special thanks go to the General Chairs, José Silva Matos and José Carlos Alves, who supported us in organizing EUROMICRO SEAA at a very nice place. Special thanks also go to the program committees who reviewed the papers submitted to diverse tracks and sessions. Karl-Erwin Großpietsch and Konrad Klöckner did a great job in organizing the work-in-progress session. Hélio Sousa Mendoça did a wonderful job as a webmaster. Special thanks also go to all who helped in organizing the event, Brigitte and Tanya from the EUROMICRO office; Amund Skavhaug, the proceedings chair; Maria Theresa Baldassarre, the SEAA publication chairs, and the Board of Directors headed by Karl-Erwin Großpietsch. Last, but not least, we thank all the authors, presenters, participants, and sponsors of this year’s conference.

Dietmar Winkler and Emilia Mendes

EUROMICRO SEAA 2015 Program Chairs