

CSEE&T 2017 Introduction

We are pleased to introduce the proceedings for the 30th IEEE International Conference on Software Engineering Education and Training (CSEE&T), being held in Savannah, Georgia from November 7-9, 2017. CSEE&T, now 30 years old, is the leading international conference in software engineering education and training, internationally. Our keynote speakers are Dick Fairley and Mark Paulk. Their respective talks are titled System Thinking for Software Engineering Educators and Teaching Agile Methods. The Nancy Mead Award for Excellence in Software Engineering Education is presented to David Garlan, Carnegie Mellon University. As part of the conference, Grace Lewis and Len Bass are presenting full-day educator workshops on November 7. Their respective workshops are the Software Architecture Educators Workshop and the Second DevOps Educators Workshop. These workshops comprise the Academy on Software Engineering Education & Training (ASEET). Shorter tutorials, workshops, Hall-of-Fame presentations, and paper and panel sessions form the remainder of the conference and are included in these proceedings.

The goal of the Hall of Fame is to improve and share software engineering education and training practices by identifying the best examples in the field. Those elected to membership in Hall of Fame represent the highest achievement in their field, serving as models of what can be achieved and how in software engineering education and training.

Workshops included in the conference are Teaching Agile Project Management by Combining Group Interaction and Simulation, and Crafting the Future of Software Engineering Education in CC2020. There will be panel sessions on How to Enhance Diversity in Software Engineering Programs, SWEBoK Evolution, and Undergraduate Software Engineering Education. 77 papers were submitted to CSEE&T. The conference accepted 22 full papers and 11 short papers. Topics include agile methods and DevOps, cloud and Web, mobile software, requirements engineering, design, UML, programming, testing and quality, online platforms, project-based learning, gamification, empirical study, and industrial cases.

Countries represented include USA, Brazil, United Kingdom, Germany, France, Italy, Canada, Australia, Cameroon, Japan, Singapore, China, Finland, Colombia, Sweden, Austria, Ecuador, Croatia, Slovakia, Norway, Denmark, Jordan, Russia, Cuba, India, Iran, Israel, Luxembourg, Mexico, Nigeria, Oman, Pakistan, South Korea, Spain, Taiwan, Viet Nam, Ireland, and Thailand.

The Organizing Committee included Matthew Fischer and Steve Jackson as General Chairs, Hironori Washizaki and Nancy Mead as Program Chairs, Hossein Saiedian as Panels Chair, Michael Maher as Sponsors Chair, Lori Morgan as Publicity Chair, Paul Snyder as Finance Chair, W. Eric Wong as IEEE Reliability Society Liaison, and Tony Zachery as Webmaster.

The Program Committee included Shashikant Albal, Eduardo Almeida, Mikio Aoyama, Mark Ardis, Ellen Barbosa, Mike Barker, Leonor Barroca, Andreas Bollin, Ivana Bosnic, David Budgen, Jeffrey Carver, Igor Cavrak, Yu Chin Cheng, Wajee Chookittikul, Paolo Ciancarini, Tayana Conte, Tony Cowling, Laurence Duchien, Matthew Fischer, Vahid Garousi, Georg Hagel, Atsuo Hazeyama, Regina Hebig, Elke

Hochmuller, Liguu Huang, Steve Jackson, Jaejoon Lee, Timothy Lethbridge, Shaun Longstreet, Tiziana Margaria, Makoto Matsushita, Nancy Mead, Shin Nakajima, Emily Navarro, Rory O'Connor, Daniel Port, Juergen Mottok, Damith Rajapakse, Chandan Rupakheti, Hossein Saiedian, Bonita Sharif, Mark Sherriff, David Sinclair, Murali Sitaraman, Anya Tafliovich, Bastian Tenbergen, Barrie Thompson, Steve Tockey, Naoyasu Ubayashi, Hironori Washizaki, Vera Werneck, Norihiro Yoshida, and Michal Young.

We hope that you will enjoy browsing through the materials included in the proceedings and return to them often.

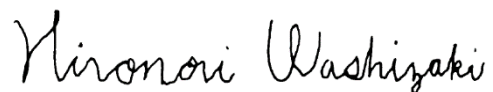
CSEE&T Program Co-Chairs

Hironori Washizaki

Waseda University

National Institute of Informatics

SYSTEM INFORMATION CO., LTD.



Nancy R. Mead

Carnegie Mellon University

Software Engineering Institute

CERT Division

