Message from the Program Chairs

On behalf of the program committee, we are pleased to welcome you to the SSIRI 2010 conference, the Fourth IEEE International Conference on Secure Software Integration and Reliability, held in Singapore. We look forward to seeing many of you – researchers, academicians, and practitioners – from across the globe participate, exchange ideas and network with other experts in the broad areas of security and reliability of software systems.

Continuing the tradition of having distinguished guests as keynote speakers, this year we have the pleasure to invite Professor Wei-Ngan Chin, National University of Singapore, Singapore; Professor Jim Davies, University of Oxford, United Kingdom; Dr. Tim Grance, National Institute of Standards and Technology, USA; and Professor Jim Woodcock, University of York, United Kingdom.

The review process of the papers submitted worked out as follows. Each paper was reviewed by at least three experts in the relevant area and followed by an on-line discussion. This was closely monitored by the program co-chairs to resolve discrepancies while ensuring quality decision making. The outcome of the tireless effort of approximately eight weeks by the entire program committee was to select 19 papers out of 60 regular paper submissions, with an acceptance rate of 31.67%. In addition, 4 were selected in the category of short papers. The program offers a wide range of tracks along with the regular research papers.

Fast Abstracts: Objective of fast abstracts is to report on-going work, describe practical experiences, introduce new ideas to promote further validation, or state positions on controversial issues.

• Six research papers were selected for the Fast Abstract track

Student Doctoral Program: Objective of the Student Doctoral Program is to encourage students to attend SSIRI and present their work, exchange ideas with researchers and practitioners, and get early feedback on their research efforts

• Six doctoral papers were selected for the Student Doctoral Program

Workshops: Help provide a platform where novel ideas and state-of-practice can be presented in a way that is less formal and more focused than in the conference itself.

Altogether two workshops were planned to be conducted as part of the SSIRI conference

• Model Based Verification and Validation
• Model Checking Secure and Reliable Systems

We would like to thank all the authors who have put a lot of hard work to submit high-quality papers to this conference. We greatly appreciate the effort made by all the program committee members without whom we could not have achieved the evaluation of all the submissions in such a short period. We also would like to thank Dr. Sam Keene from IEEE Reliability society, Professor Jin Song Dong, Dr. Rajesh Subramanyan and Professor W. Eric Wong for their excellent suggestions and support to organize, plan and realize the entire conference program in the best possible way. We would take this opportunity to also thank Vidroha Debroy, Adithya Surampudi and Xiaofeng Xu from the University of Texas at Dallas in helping setup the conference website by keeping it up to date in a timely fashion.

We look forward to seeing you at the conference.