It is our great pleasure to welcome you to the Ninth IEEE International Conference on Dependable, Autonomic and Secure Computing (DASC 2011) held 12-14 December 2011 in Sydney, Australia. On behalf of the Organizing Committee of DASC 2011, we would like to express our cordial welcome and utmost respect to all participants.

As computer systems become increasingly large and complex, their dependability, security, and autonomy play critical role in supporting next-generation science, engineering, and commercial applications. These systems consist of heterogeneous software/hardware/network components of changing capacities, availability, and in varied contexts. They provide computing services to large pools of users, and thus are exposed to various dangers such as accidental/deliberate faults, virus infections, malicious attacks, illegal intrusions, and natural disasters, etc. As a result, too often computer systems fail, become compromised, or perform poorly and therefore untrustworthy. Thus, it remains a challenge to design, analyze, evaluate, and improve the dependability and security for a trusted computing environment. At the same time, it is important to implement dependable and secure systems in a self-managing manner, which calls for the autonomic computing technology, which provides self-optimization, self-healing, self-configuration, and self-protection. Trusted computing targets computing and communication systems as well as services that are autonomous, dependable, secure, privacy protectable, predictable, traceable, controllable, assessable and sustainable.

DASC 2011 brings together computer scientists, researchers, and industrial practitioners, to discuss and exchange theoretical findings, experimental results, novel designs, work-in-progress, industrial experiences, case studies, and trend-setting ideas in the areas of dependable, autonomic and secure computing. The financial/technical sponsorship from IEEE Computer Society, Technical Committee on Scalable Computing (TCSC), University of Technology Sydney, Australia and is also greatly appreciated. DASC2011 is the second conference following DASC2009 held in Chengdu China December 2009, and after the merger of the successful DASC symposium series previously held as RAMPDS-05 (July 2005, Fukuoka, Japan), DASC-06 (September 2006, Indianapolis, USA), DASC-07 (September, 2007, Columbia, USA), and the successful SecUbiq symposium series, previously held as SecUbiq-05 (December 2005, Nagasaki, Japan), SecUbiq-06 (August 2006, Seoul, Korea), SecUbiq-07 (December 2007, Taipei, Taiwan) and SecUbiq-08 (December 2008, Shanghai, China).

DASC 2011 is held jointly with The Ninth International Conference on Pervasive Intelligence and Computing (PICom 2011), The Ninth International Symposium on Embedded Computing (EmbeddedCom 2011), 2011 International Conference on Cloud and Green Computing (CGC 2011), and 2011 International Conference on Social Computing and its Applications (SCA 2011). DASC 2011 has 23 papers accepted. Each paper was peer reviewed by at least three program committee members. We wish to acknowledge the authors for choosing DASC2011 as the forum to present their research. The final decisions have been made after a rigorous peer review process. We gratefully thank the Program Committee members and additional reviewers that contributed their valuable time and expertise to provide professional and quality reviews under a very tight schedule.

We sincerely appreciate the constant support and pertinent advice from the General Chairs and the Steering Chairs, without which DASC2011 could not have been organized in an effective and efficient manner. We are also deeply grateful to the Program Chairs, the Workshop Chairs, the Publicity Chairs,
the International Advisory Committee, the Finance Chair, and the Local Chair, for their strong support and hard work, which are essential to the success of DASC 2011. It is a great pleasure to work with such an excellent team. We would also express our gratitude to Qiwen Pan for his efficient assistance in managing the web-based submission and reviewing system. Last but not least, we would like to greatly thank the DASC 2011 local organizing team.

Finally, we expect DASC 2011 favors a useful interaction between researchers and practitioners, and provides a stimulating forum for exchanging and developing new ideas in the exciting and rapidly developing field of dependable, autonomic and secure computing. We wish all of you enjoy DASC 2011 at the beautiful city of Sydney.

Jennifer Seberry, University of Wollongong, Australia
Vijay Varadharajan, Macquarie University, Australia
DASC 2011 General Co-chairs

Jinjun Chen, University of Technology Sydney, Australia
Hua Wang, University of Southern Queensland, Australia
DASC 2011 Program Co-chairs

Laurence T. Yang, St. Francis Xavier University, Canada
Jianhua Ma, Hosei University, Japan
DASC 2011 Steering Committee Co-chairs