Preface

WCSE 2013

Professor Boehm of the Center for Software Engineering, University of Southern California, USA, indicated eight trends of software engineering including the increasing integration of software engineering and systems engineering, increasingly rapid change, increasing SIS globalization and need for interoperability, and increasingly complex systems of systems (Boehm 2006). Professor Peter Liggesmeyer of the University of Kaiserslautern, Germany, also indicated that over the last 20 years, the trend of software engineering has led to an enormous increase in software complexity (Liggesmeyer and Trapp 2009).

In recent years, there has been a growing demand for insights into challenges, issues, and solutions related to the theory and practice of software engineering. To respond to the market needs from both academic researchers and practitioners for communicating research results, WCSE 2013 will be held in Hong Kong, China, 3-4 December 2013. The conference has received many submissions. This conference is intended to provide an international forum for researchers in academia and industry to present their most recent findings in software engineering. The purpose of this conference is to report on the state-of-the-art of, and emerging trends in, research and practice in software engineering. To prepare for this conference, all authors were asked to respond to rigorous peer review. The papers included share the common theme of software engineering theory and practice. The proceedings will be published by the Conference Publishing Services (CPS).

We are very pleased to have WCSE 2013 to be held in Hong Kong, China. Hong Kong is situated on China’s south coast and enclosed by the Pearl River Delta and South China Sea. Hong Kong has one of the highest per capita incomes in the world, and is one of the world’s leading international financial centers. Hong Kong currency, Hong Kong Dollar, is the eighth most traded currency in the world. Hong Kong is also considered a major educational base with high ranking in China.

Under the direct leadership of late Chinese Premier Zhou En-Lai and Vice Premier Chen Yi, China began researching and developing computing technology including software engineering as early as in 1956. A milestone for this was the establishment of the Institute of Computing Technology within the Chinese Academy of Sciences in 1956. Zhou provided a detailed introduction about software engineering development in China in his article in IEEE Software (Zhou 1989). From this conference, it is not difficult to find that, in China, software engineering research and development is evolving and growing steadily as China is emerging as an economic powerhouse of the 21st century.

WCSE is an international conference. I hope this conference will serve our participants as an avenue to gain a global perspective on software technology and applications.

On behalf of WCSE 2013 Organizing Committee, we would specially like to thank Professor Xinhan Huang (Co-General Chair, Huazhong University of Science and Technology), Professor Jinzhi Guo (Co-Program Chair, University of Macau, China), Professor Shancang Li (Co-Program Chair, Swansea University, UK), and Professor Nan Niu (Co-Program Chair, Mississippi State University, USA) for their
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References

