Message from the Chairs

On behalf of the Organizing Committee and Program Committee, we welcome you to HASE 2008. The HASE Symposium series is a forum for discussion of systems and software engineering issues to achieve high assurance systems. It focuses on integrated approaches for assuring reliability, availability, integrity, privacy, confidentiality, safety, and real-time of complex systems and the methods for assessing the assurance levels of the systems to a high degree of confidence.

The HASE 2008 program consists of three keynote addresses and 55 technique presentations. This year, the Program Committee received 196 submissions from more than 19 countries in various regions. Especially, the number of research papers has broken the record and grows up about 80%. After a rigorous review process, 42 full papers and 13 short papers were accepted for inclusion – based on originality, technical content, presentation, and relevance. The full paper acceptance rate was 20%. We sincerely wish to thank all authors who submitted their work for consideration. We would also like to express our sincere appreciation to the Program Committee members and other reviewers for their extraordinary efforts in the reviewing and selecting process.

The final program includes sessions on each of the following topics:

- Ad hoc networks
- embedded systems
- data management systems
- distributed systems
- service-oriented computing
- system security
- testing
- high assurance systems and programs
- network security
- quality, reliability, and safety
- formal verification, specification, and implementation

We are indebted to the Keynote Speakers, Prof. Mary Lou Soffa of University of Virginia, Prof Jifeng He of East China Normal University, and Dr. Masayuki Matsumoto of East Japan Railway Company, for accepting our invitation to address the conference.

This conference has received tremendous support from the State Key Laboratory of Novel Software Technology at Nanjing University and the Department of Computer Science and Technology at Nanjing University. Special thanks go to Xianglin Fei, Linzhang Wang, Xin Chen, and Xi Liu who have served so well in organizing this conference. Thanks also go to Ms Lisa O’Conner of the IEEE Computer Society for her outstanding work in the publication of the proceedings.
Finally, we are especially grateful to our sponsors: the IEEE Computer Society and IEEE Reliability Society.

**HASE 2008 General Chair:** Jian Lu  
**HASE 2008 Program Co-Chairs:** Carol S. Smidts, Jie Xu, and Xuandong Li