ISSSR 2023: The 9th International Symposium on System, Security, Safety, and Reliability

June 10-11, 2023
Hangzhou, China
https://isssr23.techconf.org/

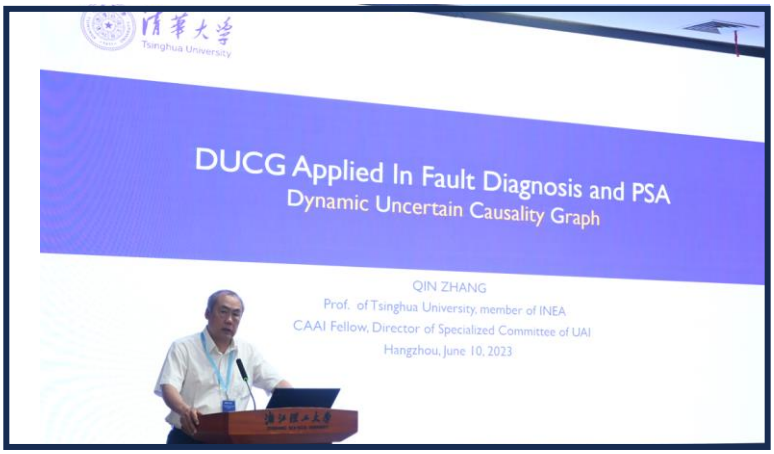
W. Eric Wong
RS AdCom Member & Steering Committee Chair of ISSSR

ISSSR 2023 – *The Ninth International Symposium on System Security, Safety, and Reliability* was held in-person for the first time after three consecutive online virtual meetings from 2020 to 2022 due to the COVID-19 pandemic. This year's symposium emphasized papers from multiple disciplines. Although most papers were previously from Computer Science, in 2023 papers from Industrial Engineering and Mechanical Engineering were also welcomed. All these papers share a common focus – how to produce *secure*, *safe*, and *reliable* systems. This is especially the case for mission-critical and life-threatening systems. As the complexity of many systems continues to grow, it is critical that we consider *a system's security, safety, and reliability from different perspectives* and provide a comprehensive solution in response to all the challenges. Thus, the integration of knowledge and experience from different disciplines is an imperative path that we should follow.

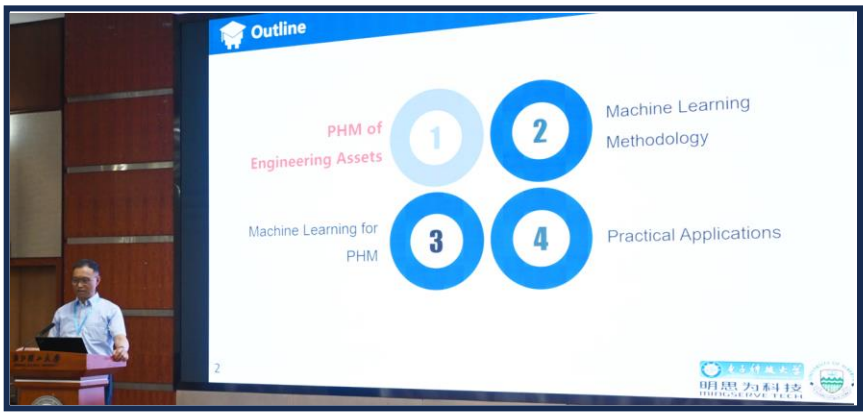
Following the same tradition, ISSSR 2023 was technically sponsored by the IEEE Reliability Society. It was organized by Zhejiang Sci-Tech University and was held in Hangzhou, which is not only famous for its beautiful scenery and history but is also a major economic and e-commerce hub within China.

In addition to the presentation of regular and short research papers, fast abstracts, and workshop papers, the conference also had three keynote speeches:

- *Dynamic Uncertain Causality Graph Applied in Fault Diagnosis and PSA*
  by Professor Qin Zhang, Institute of Nuclear and New Energy Technology and Department of Computer Science and Technology, Tsinghua University, China



- *Machine Learning for Practical Prognosis and Health Management*
  by Professor Mingjian Zuo, Department of Mechanical Engineering, University of Alberta, Canada



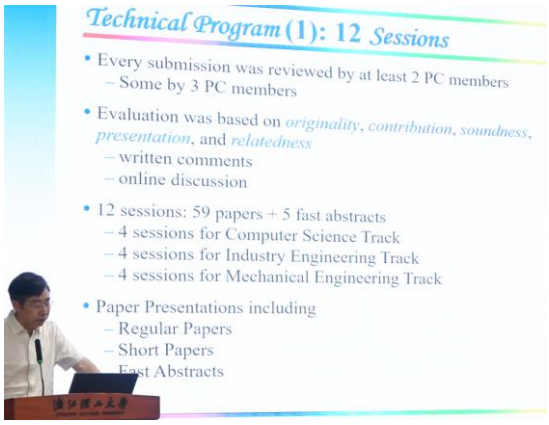
- *Modeling and Analysis of Space Man-Machine System Safety*
  by Dr. Liming Ren, China Astronautics Standards Institute

The following pictures are from the ISSSR 2023 opening session.

Professor Wenhua Chen
Honorary General Chair

Professor Yuhai Guo
Vice President of Zhejiang Sci-Tech University

Professor Min Xie, General Chair



Professor Zuohua Ding, Program Chair

We would like to give special thanks to Professor Zhengguo Xu from Zhejiang University, Professor Yu Liu from the University of Electronic Science and Technology of China, Professor Liyang Xie from Northeastern University, all the members of the organizing committee, program committee, and local arrangement committee for their support. Overall, ISSSR 2023 was a great success with more than 100 attendees.