



25TH ISSAT INTERNATIONAL CONFERENCE ON RELIABILITY AND QUALITY IN DESIGN

AUGUST 1–3, 2019 • LAS VEGAS, NEVADA, U.S.A.

CALL FOR PAPERS

CONFERENCE CHAIRS

Hoang Pham
Rutgers University, USA

Shigeru Yamada
Tottori University, Japan

PROGRAM CHAIRS

Yi-Kuei Lin
National Taiwan University
of Science and Technology, Taiwan

Feng-Bin Sun
Tesla Motors, USA

ARRANGEMENTS CHAIR

Zhenmin Chen
Florida International University, USA

PROGRAM COMMITTEE MEMBERS

| | |
|-------------------------|--------------|
| Mahmoud Boushaba | Algeria |
| Antonio C. Caputo | Italy |
| Philippe Castagliola | France |
| Antonella Certa | Italy |
| In Hong Chang | Korea |
| Ping-Chen Chang | Taiwan |
| Chung-Ho Chen | Taiwan |
| Shin-Guang Chen | Taiwan |
| Zhenmin Chen | USA |
| Kuan-Jung Chung | Taiwan |
| Balbir S. Dhillon | Canada |
| Elsayed A. Elsayed | USA |
| Maxim Finkelstein | South Africa |
| Lance Fiondella | USA |
| Kehan Gao | USA |
| D. Gary Harlow | USA |
| Cheng-Fu Huang | Taiwan |
| Shinji Inoue | Japan |
| Mingxiao Jiang | USA |
| Taghi M. Khoshgoftaar | USA |
| Mitsuhiro Kimura | Japan |
| Uday Kumar | Sweden |
| Yi-Kuei Lin | Taiwan |
| Anatoly Lisnianski | Israel |
| N. V. R. Naidu | India |
| Dong Ho Park | Korea |
| Minjae Park | Korea |
| Alexander Parkhomovskiy | USA |
| Alessandro Persona | Italy |
| Hoang Pham | USA |
| Gordon J. Savage | Canada |
| Shey-Huei Sheu | Taiwan |
| Feng-Bin Sun | USA |
| Kazuyuki Suzuki | Japan |
| Yoshinobu Tamura | Japan |
| Loon-Ching Tang | Singapore |
| Zhigang Tian | Canada |
| Fugee Tsung | Hong Kong |
| Fl. Popentiu Vladicescu | Romania |
| Nikola Vujanovic | Serbia |
| Eric T. T. Wong | Hong Kong |
| Liyang Xie | China |
| Min Xie | Hong Kong |
| Shigeru Yamada | Japan |
| Ruey Huei Yeh | Taiwan |
| Songlin Zheng | China |
| Ming J. Zuo | Canada |

SPONSOR

The International Society of Science and Applied Technologies (ISSAT)
In cooperation with • The Korean Reliability Society (KORAS)
• Reliability Engineering Association of Japan (REAJ)

THEME

The ISSAT International Conference on Reliability and Quality in Design is an international forum for presentation of new results, research development, and applications in reliability and quality in design. Papers may address any aspect of reliability and quality in design. Papers dealing with case studies, experimental results, or applications of new or well-known theory to the solution of actual reliability and quality problems in engineering design are of particular interest.

TOPICS OF INTEREST

- Big Data
- Cloud Computing
- Concurrent Engineering and Design
- Data Collection and Analysis
- Data Computing
- Data Mining and Analytics
- Design Issues in Manufacturing
- Engineering Design Optimization
- Experimental Design for Quality Control
- Fault Tolerance
- Human Factors and Reliability
- Life Testing
- Maintainability and Availability
- Methodologies for Quality Control
- Modeling Analysis and Simulation
- Network Reliability
- Optimization
- Parallel and Distributed Computing
- Performance Analysis
- Process Control and Management
- Quality Assurance and Cost Issues
- Quality Engineering
- Quality Planning and Measurements
- Reliability
- Reliability Modeling and Testing
- Risk Assessment Modeling
- Robust Design
- Security Analytics
- Safety-Critical and High Assurance Systems
- Service Sciences
- Software and Algorithms
- Software Reliability and Testing
- Statistical Approaches in Reliability
- Survival Data Analysis
- Total Quality Management Techniques

SUBMISSION OF PAPERS

Full manuscript should be submitted electronically in either PDF or MS-Word, by February 15, 2019, to Conference Secretary at rqd@issatconferences.org. All papers must include authors' names, affiliations, and current email addresses. Please visit our website for more information.

All submitted papers will be reviewed for merit and contents.

BEST PAPER AWARDS / INDEXING / JOURNAL PUBLICATIONS

Two outstanding papers presented at the conference will be chosen for the ISSAT Best Paper and Best Student Paper Awards. Accepted papers will be published in the Conference Proceedings which will be covered in Elsevier Scopus and Compendex index products. Outstanding papers will be considered for publication in special issues of the International Journal of Reliability, Quality and Safety Engineering (IJRQSE) and the Annals of Operations Research.

IMPORTANT DATES

| | |
|--------------------------------------|-------------------|
| Full Paper Submission Deadline | February 15, 2019 |
| Notification of Acceptance/Rejection | March 31, 2019 |
| Camera Ready Papers Due | May 15, 2019 |

For more information, please visit our website at www.issatconferences.org