

# 2019 International Conference on Quality, Reliability, Risk, Maintenance, and Safety Engineering (QR2MSE 2019)

August 6-9, 2019, Zhangjiajie, Hunan, China

<http://www.qr2mse.org>



## CALL FOR PAPERS

### SUPPORTED BY

- IEEE Reliability Society
- International Society of Engineering Asset Management
- Reliability Engineering Association of Japan
- Polish Safety and Reliability Association
- Reliability Committee of Operations Research Society of China
- European Safety and Reliability Association
- The Korean Reliability Society
- The Korean Society of Mechanical Engineers
- European Federation of National Maintenance Societies
- Reliability Committee of SPMS

### ORGANIZER

- Inner Mongolia University of Technology
- Hunan University
- University of Electronic Science and Technology of China
- Harbin Institute of Technology
- Changsha University of Science & Technology
- Jishou University

### THEME

QR2MSE 2019 is an international forum for exchange of innovative ideas, cutting-edge research results, and applications of asset management, reliability and quality tools in design, manufacturing, and operation and maintenance of engineering systems. Papers dealing with case studies, reliability data generation, experimental results, best design practice, and effective asset management solutions are of particular interest. All papers accepted will be included in the conference proceedings and indexed by EI Compendex. Selected peer reviewed papers will be published in international journals indexed by Thomson Reuters Web of Science (SCI) or Engineering Village (EI Compendex).

### TOPICS OF INTERESTS (but not limited)

- Strategic asset management
- Asset fleet management
- Quality engineering
- Quality assurance and cost issues
- Experimental design for quality control
- Total quality management techniques
- Reliability theory and application
- Product reliability and safety evaluation
- Reliability testing and statistics
- Structural reliability
- Software reliability and testing
- Reliability tools for product development
- Risk management
- Physics of Failure
- Inspection
- Advanced sensor technologies
- Condition monitoring, diagnostics and prognostics
- System health and analytics
- Prognostics and health management
- Condition based maintenance
- Equipment management and maintenance
- E-Maintenance
- Maintenance support modeling and simulation
- Reliability centered maintenance
- Novel technologies for maintenance: robotics, virtual reality and additive manufacturing
- Life cycle management and services
- Systems integrity management
- Contractor logistics theory and practice
- Optimal design
- Multidisciplinary design optimization
- Human and organizational factors
- Applications of industrial internet
- Supply chain management
- Oil and gas industry
- Information management



### SUBMISSION OF PAPERS

Extended abstract or full papers should be submitted electronically in **MS-Word** or **TeX** via [icqrms@uestc.edu.cn](mailto:icqrms@uestc.edu.cn) by **February 10, 2019**. Authors' names, affiliations, and contact information must be included in submission.

*All submitted papers will be peer reviewed for merit.*

### IMPORTANT DATES

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|---|--------------------------|
| <b>Full Paper Submission Deadline</b>     | <b>February 10, 2019</b> |
| <b>Full Paper Acceptance Notification</b> | <b>March 10, 2019</b>    |
| <b>Camera Ready Papers Due</b>            | <b>March 30, 2019</b>    |

For more information and updates, please visit conference website at [www.qr2mse.org](http://www.qr2mse.org).

