

The 10th International Conference on Quality, Reliability, Risk, Maintenance, and Safety Engineering (QR2MSE 2020)

July 28-31, 2020, Xi'an, Shaanxi, China

<http://www.qr2mse.org>



CALL FOR PAPERS

SUPPORTED BY

- IEEE Reliability Society
- International Society of Engineering Asset Management
- Reliability Engineering Association of Japan
- Bernoulli Society for Mathematical Statistics and Probability
- European Safety and Reliability Association
- The Korean Reliability Society
- Reliability Division of the Korean Society of Mechanical Engineers
- Reliability Committee of Operations Research Society of China

ORGANIZER

- Tsinghua University, China
- Beijing University of Technology, China
- Harbin Institute of Technology, China
- Inner Mongolia University of Technology, China
- Northwestern Polytechnical University, China
- Jilin University, China
- Xi'an University of Science and Technology, China
- University of Electronic Science and Technology of China, China

THEME

QR2MSE 2020 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. QR2MSE is recognized as the most influential, largest and highest-level academic event in the field in Asia.

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 by **February 10, 2020**. Authors' names, affiliations, and contact information must be included in submission.

All submitted papers will be peer reviewed for merit.



IMPORTANT DATES

Full Paper Submission Deadline February 10, 2020
Full Paper Acceptance Notification March 10, 2020
Camera Ready Papers Due March 30, 2020

For more information and updates, please visit conference website at www.qr2mse.org.