

The 14th International Conference on Quality, Reliability, Risk, Maintenance, and Safety Engineering (QR2MSE2024)

July 24-27, 2024, Harbin, Heilongjiang, China

<https://www.qr2mse.org>

CALL FOR PAPERS



SUPPORTED BY

- The Institution of Engineering and Technology (IET)
- Reliability Engineering Institution, CMES
- IEEE Reliability Society Japan Joint Chapter
- Korean Society for Prognostics and Health Management
- Polish Safety and Reliability Association
- Bernoulli Society for Mathematical Statistics and Probability
- Reliability Committee of Operations Research Society of China
- The Korean Reliability Society
- Reliability Engineering Association of Japan
- Reliability Division of the Korean Society of Mechanical Engineers
- European Safety and Reliability Association
- International Society of Engineering Asset Management

THEME

QR2MSE2024 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. Selected excellent papers will be published in a special issue of international journals indexed by SCI.

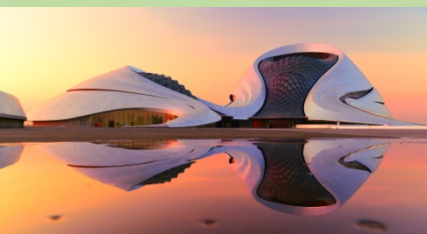
TOPICS OF INTERESTS (but not limited)

- Strategic asset management
- Asset fleet management
- Quality engineering
- Quality consistency design
- Robust/Resilience design
- 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
- Resilience of infrastructures
- 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
- Reliability centered manufacturing
- 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

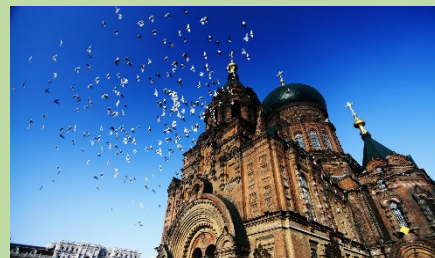
Extended abstract or full papers should be submitted electronically in **MS-Word** via **Paper Submission System** (<https://www.qr2mse.org>) by **April 30, 2024**. Authors' names, affiliations, and contact information must be included in submission.

All submitted papers will be peer reviewed for merit.



IMPORTANT DATES

Full Paper Submission Deadline April 30, 2024
Full Paper Acceptance Notification May 20, 2024
Camera Ready Papers Due June 5, 2024



For more information and updates, please visit conference website at <https://www.qr2mse.org/>