

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
- Reliability Division of the Korean Society of Mechanical Engineers
- 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
- Korean Society for Prognostics and Health Management
- 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. All papers accepted will be included in the conference proceedings and **IET Conference Proceedings** and indexed by **EI Compendex**. Selected papers will be published in **special issues** 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>). 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	Extended to May 15, 2024
Full Paper Acceptance Notification	May 20, 2024	Extended to May 30, 2024
Camera Ready Papers Due	June 5, 2024	June 5, 2024

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