

# Call for Special Sessions

# APARM 2024

The 11th Asia-Pacific International Symposium  
on Advanced Reliability and Maintenance Modeling

<https://aparm2024-conf.github.io/info/>

**August 26-30, 2024**  
**Nagoya City, Japan**

## Organizers

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### Conference secretariats

Junjun Zheng  
Osaka University, Japan

## Scope

APARM2024 (The 11th Asia-Pacific International Conference on Advanced Reliability and Maintenance Modeling) is the biennial reliability conference in the Asia-Pacific region. Its purpose is to share advanced knowledge and information related to reliability and maintenance. Reliability and maintenance is the technology required in various fields such as power systems, communication networks, transportation, cloud computing, electronic systems, buildings and infrastructure, medical and healthcare, aviation and railway systems. It is also the foundation of a sustainable society. The goal of this conference is to bring together reliability researchers from the Asia-Pacific region to discuss and explore solutions to the various reliability challenges facing society. Topics of interest include (but are not limited to)

- Manufacturing System Reliability
- Software Reliability & Testing
- Communication Systems
- Reliability Modeling
- Human Reliability
- Bayesian Reliability
- Fuzzy Reliability
- Network Reliability & Optimization
- Safety & Risk Assessment
- Cyber Security
- Security Issues
- Internet Reliability Engineering
- Service & Reliability
- Estimation & Statistical Testing
- Survival Analysis
- Warranty Analysis
- Resilience
- Computer Systems Reliability
- Design for Six Sigma
- Fault Tolerant Computing
- Maintenance Optimization
- Maintainability & Availability
- Reliability Physics
- Accelerated Degradation Testing
- Accelerated Life Testing
- Big Data
- Data Mining & Analytics
- Diagnostics
- Prediction
- Remaining Life Estimation
- Condition Monitoring
- Engineering Asset Management
- Machine Health Assessment
- Dynamic Reliability Analysis

## Special Sessions

Researchers and practitioners are invited to submit proposals for special sessions on focused topics. Such a theme can be either a research topic, an application area, or a mixture of the two. Examples of session topics include degradation models; health assessment of industrial batteries; wind farm maintenance management; high-speed rail applications; uncertainty modeling in construction management; etc.

A session proposal must include the following content

- Session title
- Session description of 100 to 150 words
- Session organizers, affiliations, and e-mail addresses
- Paper category for each paper submitted to the session (either full paper or abstract)
- At least 4 names of invited speakers for the session and their tentative presentation titles.
- The publishing schedule will follow the full/abstract paper schedule.

Please submit your proposal in PDF or Word format to [prog-aparm2024@ml.hiroshima-u.ac.jp](mailto:prog-aparm2024@ml.hiroshima-u.ac.jp) (General Chairs of APARM2024).

## Important Dates (Special Sessions)

- **March 15, 2024:** Special Session Proposals Due
- Paper submission dates will be determined by the session organizers.
- Review and publication schedule will follow the full/abstract paper schedule