

1st Call for Papers

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

Steering Committee Chair

Yi-Kuei Lin
National Yang Ming Chiao Tung
University, Taiwan

General Chairs

Hiroyuki Okamura
Hiroshima University, Japan

Program Chairs

Mitsutaka Kimura
Aichi University, Japan
Xufeng Zhao
Nanjing University of Aeronautics and
Astronautics, China

Publicity Chairs

Taishin Nakamura
Tokai University, Japan
Yuka Minamino
Tottori University, Japan

Web Chairs

Yoshinobu Tamura
Yamaguchi University, Japan
Shuhei Ota
Kanagawa University, Japan
Lei Zhou
Yamaguchi University, Japan

Local Organization Chairs

Satoshi Mizutani
Aichi Institute of Technology, Japan
Mitsuhiro Imaizumi
Aichi Gakusen University, Japan

Publication Chairs

Shinji Inoue
Kansai University, Japan
Xiao Xiao
Tokyo Metropolitan University, Japan

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

Paper Submissions

Submissions are now open at EasyChair (<https://easychair.org/conferences/?conf=aparm2024>). Manuscripts should use the IEEE double-column format and may be submitted in one of two categories: (i) Full Papers and (ii) Abstract Papers.

Full Papers:

Submit original manuscripts (not published elsewhere) of 6 pages, with 2 additional pages allowed but at an additional charge.

Abstract Papers:

The goal of Abstract Papers is to report novel ideas and results that have not been fully evaluated. Submit original manuscripts (not published elsewhere) of no more than 2 pages.

All papers submitted to the conference will be peer-reviewed for merit and content. All papers accepted and registered for presentation at the conference will be made available to conference participants on Cloud Drive. All accepted full papers will be published by IEEE Xplore (the IEEE Computer Society Press, EI Indexed).

Important Dates

- **March 15, 2024:** Proposal special sessions due
- **April 15, 2024:** Paper submission due
- **May 30, 2024:** Acceptance Notification
- **August 26-30, 2024:** Conference