

First Announcement

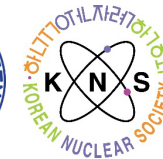
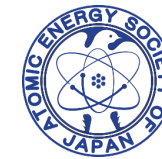
PSAM17 & ASRAM2024



Probabilistic Safety Assessment and Management & Asian Symposium on Risk Assessment and Management



October 7-11, 2024
Sendai International Center
Sendai, Miyagi, Japan



PSAM is the conference in risk, risk management, reliability, safety, and associated topics. This world-wide group meets internationally every two years since 1991.

ASRAM is the symposium on risk assessment and risk management held annually in one of the three countries of Japan, Korea and China, which originated from the Japan-Korea PSA Workshop started in 1992.

We are pleased to announce that **PSAM17 and ASRAM2024** will be jointly held in Sendai, the beautiful city of trees, in Miyagi Prefecture on October 7-11, 2024.

Important Notice

IAPSAM awards The George Apostolakis Fellowship!

Abstracts Submission Deadline	January 31, 2024
Notification to Authors	February 15, 2024
Full Paper Submission Deadline	May 31, 2024
Notification of Acceptance	June 30, 2024
Early Registration Deadline	July 31, 2024
Conference Dates	October 7-11, 2024

Conference website: www.PSAM17-ASRAM2024.org

Topic Areas

Scope of the Conference

PSAM17 & ASRAM2024 will be the major international event to discuss innovative methodologies and the practical applications of probabilistic safety assessment and risk management in 2024.

The main focus will be on nuclear risk and reliability, but the broader risk application areas such as chemistry, construction, aerospace, shipping, marine, finance, medicine, etc. will also be covered. We will also be delving into issues for newcomer countries to use nuclear energy, and risk management in decommissioning.

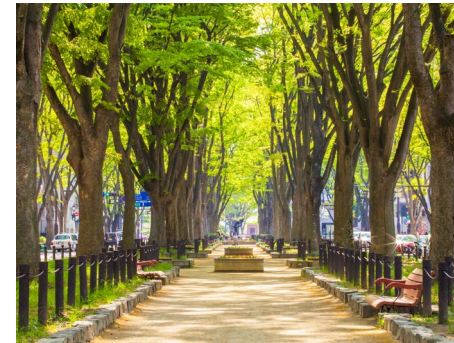
To encourage participation from younger generation, sessions will also be hosted for students to gain experiences to the following topics.

Methodology

- Risk Assessment Methods
- Risk and Hazard Analyses
- Risk Governance and Societal Safety
- Risk Informed Applications
- Risk Perception and Communication
- External Hazard PSA/PRA
- Site Level (Multi-Unit, Multi-Source) PSA/PRA
- Industrial Safety
- Accident Analysis and Modeling
- Consequence Modeling and Management
- Environmental Risk Assessment
- Organizational Factors and Safety Culture
- Policy Making and Legislative Issues
- Risk-Informed Performance-Based Regulation
- Internal Hazards PSA/PRA
- Dynamic PSA/PRA
- Human Factors and Human Reliability
- Resilience Engineering
- Reliability Analysis
- Dependence Modeling and Analysis
- Maintenance Modelling and Optimization
- Mathematical Methods Reliability
- Prognostics and System Health Management
- Structural Reliability Analysis Methods
- Uncertainty and Sensitivity Analysis
- AI, Machine Learning
- Digital Transformation

Application Areas

- Aeronautics and Aerospace
- Chemical and Petrochemical Processes Industry
- Infrastructures
- Energy
- Information Technology and Telecommunication
- Water and Land Transportation
- Manufacturing
- Maritime and Offshore Technology
- Natural Hazards
- Nuclear Industry
(including Advanced reactors/Non LWRs, and Decommissioning)
- Occupational Safety
- Oil and Gas Industry
- Health and Medicine
- Automotive Engineering
- Physical/Cyber Security
- Risk-informed Performance-Based Application



Previous Conferences & Organization

PSAM

PSAM 1 (USA, 1991)
PSAM 2 (USA, 1994)
PSAM 3 (Greece, 1996)
PSAM 4 (USA, 1998)
PSAM 5 (Japan, 2000)
PSAM 6 (USA, 2002)
PSAM 7 (Germany, 2004)
PSAM 8 (USA, 2006)
PSAM 9 (China, 2008)
PSAM 10 (USA, 2010)
PSAM 11 (Finland, 2012)
PSAM 2013 Topical (Japan, 2013)
PSAM 12 (USA, 2014)
PSAM 13 (Korea, 2016)
PSAM 2017 Topical (Germany, 2017)
PSAM 14 (USA, 2018)
PSAM 2019 Topical (Sweden, 2019)
PSAM 15 (Italy, 2020)
PSAM 16 (USA, 2022)
PSAM 2023 Topical (USA, Virtual, 2023)

ASRAM

Japan-Korea PSA Workshop (1992-2015)
ASRAM2016 (Korea, 2016)
ASRAM2017 (Japan, 2017)
ASRAM2018 (China, 2018)
ASRAM2019 (Korea, 2019)
ASRAM2020 (Japan, Virtual, 2020)
ASRAM2021 (China, Virtual, 2021)
ASRAM2022 (Korea, 2022)
ASRAM2023 (China, 2023)

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