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

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

**Important Notice**

IAPSAM awards The George Apostolakis Fellowship!

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**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.

Conference website: [www.PSAM17-ASRAM2024.org](http://www.PSAM17-ASRAM2024.org)
**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, h1991)
- 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**
- 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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