

Workshop proposal on Dynamic Probabilistic Safety Assessment (a half day)

Time and date: 13:00-18:00 November 17, 2026 (in association with ASRAM2026)

Background

Dynamic methodologies for probabilistic safety assessment (PSA) and risk assessment have been a focus of research since few decades. Several DPSA workshops have been held in the past to discuss methods and tools and applications of DPSA in nuclear industry. The last DPSA workshop was held at US NRC at 2023 particularly focused on the potential role of DPSA in Risk-Informed Decision Making.

Objective

The aim of this workshop is to provide practitioners with an additional platform for technical sessions.

Topics of the Workshop

- Applications of dynamic PSA: application areas, case studies, benchmark problems
- Practical aspects of dynamic PSA: methods, tools, data, quality assurance, organizational challenges, training
- DPSA to support decision making : regulatory perspective on DPSA, dynamic risk importance measures, DPSA result postprocessing and presentation, integration between DPSA and traditional PSA

Expected participants:

Researchers on PSA (PRA), HRA, others (approx. 30)

Workshop organizer:

- Dr. Jinkyun Park, KAERI, Korea (kshpj@kaeri.re.kr)
- Dr Valentin RYCHKOV EDF R&D France (valentin.rychkov@edf.fr)

Registration is complimentary. To sign up, please contact Dr. Jinkyun Park with the following information.

- Name
- Affiliation
- Email address