

Session Program

18–22 Aug 2025



IAEA Technical Meeting on Proliferation Resistance Features of Fast Reactors and Associated Fuel Cycles

Track 1: Evaluation of Proliferation Resistance of Fast Reactors and Associated Fuel Cycles: Methodologies, Definitions, Assessment and Metrics

IAEA Headquarters, Vienna, Austria

Monday 18 August

14:30

Track 1: Evaluation of Proliferation Resistance of Fast Reactors and Associated Fuel Cycles: Methodologies, Definitions, Assessment and Metrics

Session | Location: IAEA Headquarters, Vienna, Austria | Conveners: Jared Johnson, Giacomo Cojazzi

14:30–15:00

Proliferation Resistance and Physical Protection (PR&PP) Evaluation Methodology in Support of PR&PP by Design for Fast Reactors and Associated Fuel Cycles

Speaker

Bryan van der Ende

15:00–15:30

Proliferation Resistance Insights for Fast Reactors: A U.S. and International Perspective

Speaker

Dr Benjamin Cipiti

15:30–16:00

Coffee break

16:00–16:30

Assessing a Proliferation Resistance Methodology: Sodium-Cooled Fast Reactor (SFR) Case Study

Speaker

Margaret Arno

16:30–17:00

PROLIFERATION RESISTANCE AND PHYSICAL PROTECTION CROSSCUTTING TOPICS Application to GIF GEN IV Energy Systems and to Siting Study for AMRs and Microreactors

Speaker

Frédéric Nguyen

17:00–17:30

PROLIFERATION RESISTANCE ASSESSMENT METHODOLOGY Development of a Methodology for Proliferation Resistance Optimisation of Advanced Reactors and Fuel Cycle Using Intrinsic Attributes

Speaker

SUNIL SUNNY CHIRAYATH

17:30