

## **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