

Session Program

29 September 2025 to 3 October 2025

IAEA Technical Meeting on Advances and Innovations in Fast Reactor Design and Technology

Track 4.2

IAEA HQ, Vienna, M2 (M-Building, 1st Floor)

Thursday 2 October

10:00

Track 4.2

Session | Location: IAEA HQ, Vienna, M2 (M-Building, 1st Floor)

10:00–10:30

CFD SIMULATION OF LONG-TERM COOLING OF CORIUM IN ALLEGRO CORE CATCHER

Speaker

Mr Jan Komrska

10:30–11:00

DEVELOPMENT OF OPTICAL NEUTRON DETECTORS AT CEA: Toward an innovative neutron detector for sodium fast reactors

Speaker

Dr Gregoire de Izarra

11:00–11:30

DESIGN OF A FLOW REDISTRIBUTION DEVICE FOR THE ANNULAR SECTION OF A REFLUX TYPE ELECTROMAGNETIC PUMP USING CFD

Speaker

Dr Ram Kumar Maity

11:30–12:00

Coffee Break

12:00–12:20

COMPONENT DEVELOPMENT AND TESTING FOR FUEL HANDLING MACHINES IN SODIUM FAST REACTORS AT ARGONNE NATIONAL LABORATORY

Speaker

Dr Alexander Grannan

12:20–12:40

Bearing Testing in Liquid Sodium for Fast Reactor Technology

Speaker

Evan Ogren

12:40–13:10

Track 4 Concluding Discussion

13:10