

Session Program

19-22 Apr 2022

**International Conference on Fast Reactors and Related
Fuel Cycles FR22: Sustainable Clean Energy for the Future
(CN-291)**

1.3 System Innovations

Vienna, Austria

Friday 22 April

10:30

1.3 System Innovations

Session | Location: Vienna, Austria

10:30–10:42 Sketch Design of Fuel Sub-Assemblies for a SFR-150 MWe

Speaker

Mr Thierry BECK

10:42–10:54

OPTIMIZATION OF BUILT-IN PRIMARY SODIUM PURIFICATION SYSTEM FOR ADVANCED BN REACTOR PLANT

Speaker

Mr Sergey Rukhlin

10:54–11:06

DESIGN & ANALYSIS OF A NOVEL ARRANGEMENT FOR COUPLING AND DECOUPLING OF ROTATABLE PLUGS IN PFBR

Speaker

Jagruti Mote

11:06–11:18

Optimization of the secondary loops on the ESRF SMART project

Speaker

joel guidez

11:18–11:30

Design of secondary sodium based decay heat removal system for future fast breeder reactors

Speaker

Mr Pritam Kumar Patel

11:30–11:42

Integration of Small Modular Lead Fast Reactor with Energy Storage for load-following operation in high V-RES penetration electricity markets

Speaker

Mr Marco Caramello

11:54–12:06

Evaluation of an increase of the power density for the French commercial Sodium Fast Reactor and optimization study at 1100 MWe with the SDDS tool

Speaker

Dr Delphine Gérardin

12:06–12:18

iMAGINE - a Breakthrough Technology for Closing the Fuel Cycle without Reprocessing

Speaker

Prof. Bruno Merk

12:30