

Session Program

19-22 Apr 2022

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

5.2 Experimental Programs I

Vienna, Austria

Thursday 21 April

10:40

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Session | Location: Vienna, Austria

10:40–10:52

Estimation of mean charge on sodium metal aerosol in the argon and nitrogen gas environment during external gamma irradiation

Speaker

Dr Amit Kumar

10:52–11:04

THERMOHYDRAULIC TESTS IN JUSTIFICATION OF DESIGN CHARACTERISTICS OF THE BREST-OD-300 RP STEAM GENERATOR

Speaker

Mrs Iuliia Kuzina

11:04–11:16

Experimental and computational studies of heat exchange for liquid metals boiling in fuel assembly models at accidental conditions

Speaker

Mrs Julia Kuzina

11:16–11:28

Investigation on natural circulation for decay heat removal in reactor vessel of sodium-cooled fast reactor

Speaker

Kosuke Aizawa

11:28–11:40

Coolant flow monitoring with an Eddy Current Flow Meter at a mock-up of a liquid metal cooled fast reactor

Speaker

Dr Nico Krauter

11:52–12:04

Overview of critical experiments with fast metal cores held on assembly machine FKBN-2

Speaker

Yuri Sokolov

12:04–12:16

AN EXPERIMENTAL STUDY ON SECONDARY SODIUM SYSTEM BASED DECAY HEAT REMOVAL CIRCUIT OF A SODIUM COOLED FAST REACTOR

Speaker

Mr S.P Pathak

12:40