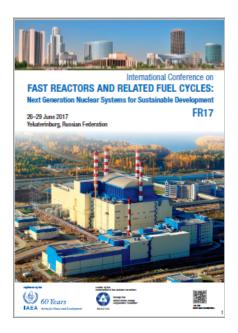
## Session Program 26-29 Jun 2017



International Conference on Fast Reactors and Related Fuel Cycles: Next Generation Nuclear Systems for Sustainable Development (FR17)

**6.2 Thermal Hydraulics Calculations and Experiments** 

Yekaterinburg

## Monday 26 June

15:10

## **6.2 Thermal Hydraulics Calculations and Experiments**

Session | Location: Yekaterinburg, Room 6 | Conveners: Mrs Nastasia Mosunova, Mr Selvaraj Perumal

15:10-15:30 Thermal Hydraulic Study of Steam Generator of PGSFR

Dr Jonggan Hong

15:30-15:50

EFFECT OF INLET TEMPERATURE AND OPERATING LINEAR HEAT RATING (LHR) ON THE MAXIMUM ACHIEVABLE BURNUP OF MK-1 CARBIDE FUEL IN FBTR

Mr CLEMENT RAVI CHANDAR SOWRINATHAN

15:50-16:10

Extension to Heavy Liquid Metal coolants of the validation database of the ANTEO+ sub-channel code

Mr Francesco Lodi

16:10-16:30 Density of sodium along the Liquid-Vapor Coexistence Curve, including the Critical Point

Speaker

Dr M. Laura Japas

16:30-16:50

Experimental investigations of velocity and temperature fields, stratification phenomena in a integral water model of fast reactor in the steady state forced circulation

Speaker

Mr Aleksandr Trufanov

16:50-17:10

Development and Validation of Multi-scale Thermal-Hydraulics Calculation Schemes for SFR Applications at CEA

Speaker

Mr Yannick Gorsse

17:10