

Session Program

26–29 Jun 2017



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

YGE Panel

Yekaterinburg

Thursday 29 June

13:30

YGE Panel

Session | Location: Yekaterinburg, Plenary Hall | Convener: Mr Xerri Christophe

13:30–13:35 Introduction to the YGE Panel

Speaker
Mr Chirayu Batra

13:35–13:50 How the Next Generation of People will shape the Next Generation of Nuclear

Speaker
Dr Luke Lebel

13:50–14:05

Innovative cold trap filtration technologies for reliable and economical exploitation of lead-bismuth eutectic cooled systems

Speaker
Mr Kristof Gladinez

14:05–14:20 Stability and bifurcation analysis of sodium boiling in a GEN IV SFR reactor core

Speaker
Mr Edouard Bissen

14:20–14:35

Development of Reverse Flow Blockage Device for Primary Sodium Pumps of Fast Breeder Reactor

Speaker
Mr ARAVINDAN S

14:35–14:50 Developing an open-source multi-physics tool for simulating advanced nuclear reactors

Speaker
Eirik Eide Pettersen

14:50–15:05

Development of Tri-iso-Amyl Phospahte (TiAP) based solvent extraction process as an alternate method for the processing of metallic alloy fuels (U-Pu-Zr and UZr)

Speaker
Mr Balija Sreenivasulu

15:30