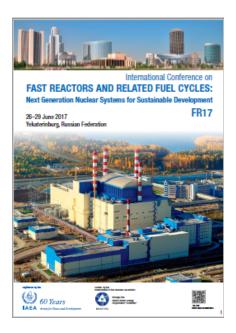
Session Program 26-29 Jun 2017



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 Mr ARAVINDAN S 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