

Session Program

26–29 Jun 2017



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

6.10 Other issues of code development and application

Yekaterinburg

Tuesday 27 June

10:20

6.10 Other issues of code development and application

Session | Location: Yekaterinburg, Room 2 | Conveners: Mrs Nastasia Mosunova, Mr Tanju Sofu

10:20–10:40 **U.S. Sodium Fast Reactor Codes and Methods: Current Capabilities and Path Forward**

Speaker
Dr Acacia Brunett

10:40–11:00

Validation of Advanced Metallic Fuel Models of SAS4A using TREAT M-Series Overpower Test Simulations

Speaker
Dr Aydin Karahan

11:00–11:20

Review of Transient Testing of Fast Reactor Fuels in the Transient REactor Test Facility (TREAT)

Speaker
Dr Colby Jensen

11:20–11:40

USDOE NEAMS Program and SHARP Multi-Physics ToolKit for High-Fidelity SFR Core Design and Analysis

Speaker
Mr Tanju Sofu

12:00