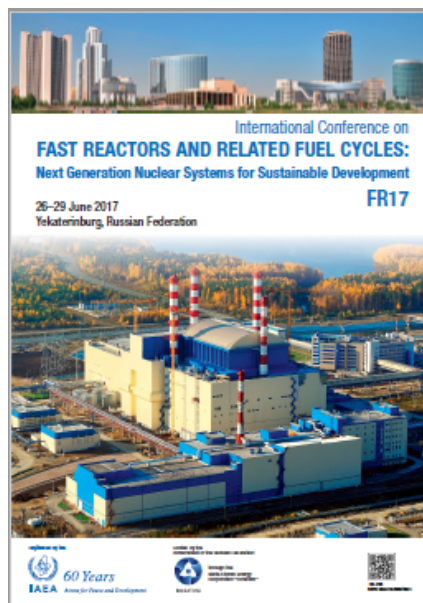


Session Program

Jun 26 - 29, 2017



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

5.10 Fuel Modeling and Simulation

Yekaterinburg

Tue, June 27

1:30 PM

5.10 Fuel Modeling and Simulation

Session | Location: Yekaterinburg, Room 2 | Conveners: Mr Marc LAINET, Dr Mikhail Veshchunov

13:30 – 13:50

PROBLEMS OF CALCULATION MODELLING OF NITRIDE FUEL PERFORMANCE: DRAKON CODE

Speaker

Mr Evgenii Marinenko

13:50 – 14:10

3D SIMULATION IN THE PLEIADES SOFTWARE ENVIRONMENT FOR SODIUM FAST REACTOR FUEL PIN BEHAVIOR UNDER IRRADIATION

Speaker

Dr bruno MICHEL

14:10 – 14:30

Current status and progression of GERMINAL fuel performance code for SFR oxide fuel pins

Speaker

Mr Marc LAINET

14:30 – 14:50

BERKUT – Best Estimate Code for Modelling of Fast Reactor Fuel Rod Behavior under Normal and Accidental Conditions

Speaker

Mr Andrey Boldyrev

14:50 – 15:10

EXPERIENCE AND APPLICABILITY OF HIGH DENSE METAL URANIUM IN ADVANCED BN-REACTORS

Speaker

Prof. Iulian Golovchenko

3:10 PM