

Session Program

26–29 Jun 2017



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

5.3 Advanced Fast Reactor Cladding Development I

Yekaterinburg

Tuesday 27 June

10:20

5.3 Advanced Fast Reactor Cladding Development I

Session | Location: Yekaterinburg, Room 5 | Conveners: Dr Liudmila Zabudko, Dr Jeong-Yong Park

10:20–10:40 Development of core and structural materials for fast reactors

Speaker
Dr Tai Asayama

10:40–11:00

Results of monitoring, using high-resolution neutron diffraction, of radiation-induced damages in claddings of fuel pins after their performance in the reactor BN-600 as a ground for prolongation of their life expectancy

Speaker
Dr Vladimir Bobrovskii

11:00–11:20

FRACTURE STRAIN AND FRACTURE TOUGHNESS PREDICTION FOR IRRADIATED AUSTENITIC STEELS OVER WIDE RANGE OF TEMPERATURES TAKING INTO ACCOUNT THE EFFECT OF SWELLING AND THERMAL AGEING

Speaker
Dr Alexander Sorokin

11:20–11:40 IAEA activities in the area of Nuclear Power Reactor Fuel Engineering

Speaker
Dr Mikhail Veshchunov

11:40–12:00 Examination of Fast Reactor Materials and Structural Elements at JSC “INM” Premises

Speaker
Mr Alexander Kozlov

12:00