

Session Program

26–29 Jun 2017



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

5.8 Structural Materials

Yekaterinburg

Thursday 29 June

08:00

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Session | Location: Yekaterinburg, Room 5 | Conveners: Dr Sung Ho Kim, Mr Aleksandr Sorokin

08:00–08:20 Fabrication and Evaluation of Advanced Cladding Tube for PGSFR

Speaker

Dr Sung Ho Kim

08:20–08:40

Basic principles for lifetime and structural integrity assessment of BN-600 and BN-800 fast reactors components with regard for material degradation

Speaker

Prof. Boris Margolin

08:40–09:00

TEM CHARACTERIZATION OF A SWELLING-RESISTANT AUSTENITIC STEEL IRRADIATED AT HIGH TEMPERATURE (>600°C) IN THE PHENIX FAST REACTOR

Speaker

Mr arnaud courcelle

09:00–09:20 Performance evaluation of ferroboron shielding material after irradiation in FBTR

Speaker

Mr CLEMENT RAVI CHANDAR SOWRINATHAN

09:20–09:40

PREDICTION OF CREEP-RUPTURE PROPERTIES FOR AUSTENITIC STAINLESS STEELS UNDERGONE NEUTRON IRRADIATION AT DIFFERENT TEMPERATURES

Speaker

Dr Andrey Buchatsky

09:40–10:00 Recent suppling of 316L(N) stainless steel products for ASTRID

Speakers

Mr David LALLEMAND, Laetitia NICOLAS, Dr Thosrten MARLAUD

10:00