

Session Program

Jun 26 - 29, 2017



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

5.2 Advanced Fast Reactor Fuel Development II

Yekaterinburg

Mon, June 26

3:10 PM

5.2 Advanced Fast Reactor Fuel Development II

Session | Location: Yekaterinburg, Room 5 | Conveners: Dr Victor BLANC, Dr Mikhail Veshchunov

15:10 – 15:30

The IAEA Coordinated Research Project on Sodium Properties and Safe Operation of Experimental Facilities in Support of the Development and Deployment of Sodium-cooled Fast Reactors (NAPRO)

Speakers

Mr E. Vázquez, Mr Osvaldo Azpitarte

15:30 – 15:50

Effects of Oxygen Partial Pressure During Sintering at Laboratory and Industrial Scales on FR MOX Fuels

Speaker

Mr Stephane Vaudez

15:50 – 16:10

Fuel Melting Margin Assessment of Fast Reactor Oxide Fuel Pins using a Statistical Approach

Speaker

Dr Victor BLANC

16:10 – 16:30

New catalog on (U,Pu)O₂ properties for fast reactors and first measurements on irradiated and non-irradiated fuels within the ESNII+ project

Speaker

Dr Kamil Tucek

16:30 – 16:50

Fission product and swelling behaviour in FBTR mixed carbide fuel

Speaker

Mr Suresh Kumar Kannankara Vasudevan

16:50 – 17:10

Analysis of experimental data on fission gas release and swelling in mononitride fuel irradiated in BR-10 reactor

Speaker

Mr Sergey Porollo

5:10 PM