

## Session Program

26–29 Jun 2017



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

## *4.3 Partitioning and Sustainability*

Yekaterinburg

## Wednesday 28 June

15:30

### 4.3 Partitioning and Sustainability

Session | Location: Yekaterinburg, Room 4 | Conveners: Andrei Shadrin, Dr Amparo Gonzalez-Espartero

15:30–15:50

#### ADVANCED FLOW-SHEET FOR PARTITIONING OF TRIVALENT ACTINIDES FROM FAST REACTOR HIGH ACTIVE WASTE

Speaker

Mr Balija Sreenivasulu

15:50–16:10

#### Pyrochemical recycling of the nitride SNF of fast neutron reactors in molten salts as a part of the short-circuited nuclear fuel cycle

Speaker

Prof. Alexei Potapov

16:10–16:30

#### DYNAMIC TEST OF EXTRACTION PROCESS FOR AMERICIUM PARTITIONING FROM THE PUREX RAFFINATE

Speaker

Dr Liudmila Tkachenko

16:30–16:50

#### Fuel cycle studies of Generation IV fast reactors with the SITON v2.0 code and the FITXS burn-up scheme

Speaker

Mr Máté Gergely Halász

16:50–17:10

#### Hot test of technique separation of americium and curium

Speakers

Andrei Shadrin, Dr Vitaliy Vidanov

17:10–17:30

#### External Assessment of the U.S. Sodium-Bonded Spent Fuel Treatment Program

Speaker

Dr Edwin Lyman

17:30