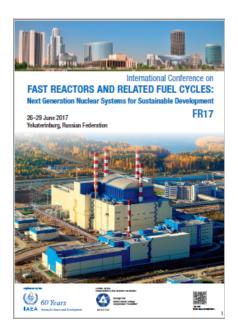
## Session Program 26-29 Jun 2017



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

3.2 Core Disruptive Accident

Yekaterinburg

### Monday 26 June

15:10

#### 3.2 Core Disruptive Accident

Session | Location: Yekaterinburg, Room 3 | Conveners: Mr Andrey VOLKOV, Prof. Koji Morita

#### 15:10-15:30

Status of severe accident studies at the end of the conceptual design: feedback on mitigation features

Speaker

Frédéric BERTRAND

#### 15:30-15:50

Source Term Estimation for Radioactivity Release under Severe Accident Scenarios in Sodium cooled Fast Reactors

Speaker

Dr Vladimir Kriventsev

#### 15:50-16:10

Advances in the Development of the SAS4A Code Metallic Fuel Models for the Analysis of PGSFR **Postulated Severe Accidents** 

Speaker

Mr Seok-Hun Kang

#### 16:10-16:30

Computational modeling of flow blockage in fuel subassemblies and molten material relocation in sodium cooled fast reactors

Speaker

Dr Velusamy Karuppanna Gounder

#### 16:30-16:50

Quantitative Evaluation of the Post Disassembly Energetics of a Hypothetical Core Disruptive Accident in a Sodium Cooled Fast Reactor

**Speakers** 

Dr Barbara Vezzoni, Mr MIchael Flad

16:50-17:10 An assessment of transient over-power accident in the PGSFR

Speaker

Dr KWI LIM LEE

17:10