

## 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