

## **Session Program**

**11 December 2020**

# **JAI Fest**

## ***Session 3***

## Friday 11 December

13:30

### Session 3: Novel acceleration

Session | Convener: Zulfikar Najmudin

13:30–13:50

#### Electron and X-ray source driven by a periodically varying temperature of single crystal of LiTaO<sub>3</sub>

**Speaker**

Andrey Oleinik

13:50–14:10

#### Guiding of high intensity laser pulses in 100 mm-long all-optical plasma channels

**Speaker**

Aimee Jaye Ross

14:10–14:30

#### Nonlinear wakefields and electron injection in cluster plasma

**Speaker**

Marko Mayr

14:30–14:50

#### Automation and control of laser wakefield accelerators using Bayesian optimisation

**Speaker**

Rob Shalloo

14:50