

Session Program

7 December 2018

JAI Fest

***Session 2 (Moore Auditorium): Chair Ivan
Konoplev***

Friday 7 December

14:00

Session 2 (Moore Auditorium): Chair Ivan Konoplev: Novel acceleration and diagnostics

Session | Location: Moore Auditorium, Royal Holloway | Convener: Ivan Konoplev

14:00–14:20 **Status of CLARA and UK FEL plans**

Speaker

Deepa Angal-Kalinin

14:20–14:40

Longitudinal beam profile diagnostics using coherent Cherenkov radiation at CLARA accelerator

Speaker

Kirill Fedorov

14:40–15:00

Pulse compression, depletion and power amplification of a laser pulse driving a non-linear wakefield

Speaker

Matthew Streeter

15:00–15:20 **Towards high-repetition-rate plasma accelerators with HOFI channels**

Speaker

Mr Jakob Jonnerby

15:20–15:40 **Transparency of overdense foils to intense laser pulses**

Speaker

Emma-Jane Ditter

15:40–16:00

Measuring the radiation reaction of energetic electrons interacting with light

Speaker

Elias Gerstmeyer

16:00