Session Program

10 December 2021

JAI Fest

Session 2

Friday 10 December

10:50

Session 2: Facility upgrades and new techniques
Session | **Location:** Denys Sciama Lecture Theatre (Oxford DWB) | **Convener:** Stephen Gibson

10:50–11:10 **Upgrades to the CLEAR facility at CERN**

Speaker
Luke Aidan Dyks

11:10–11:30 **Machine Learning applied to processing cavity BPM signals**

Speaker
Alexey Lyapin

11:30–11:50

Development of laser-particle process for GEANT4 and validation with ATF2

Speaker
Siobhan Alden

11:50–12:10

Instability and Beam-Beam Study for Multi-TeV PWFA e+e- and gamma gamma Linear Colliders

Speaker
Ben Chen

12:10–12:30 **Applications of Bayesian Inference in Radiation Reaction Experiments**

Speaker
Eva Los

12:30