

Session Program

4 December 2023

JAI Fest

Session 2

Denys Wilkinson Building, Keble Rd, Oxford OX1 3RH, Denys Sciama Lecture Theatre

Monday 4 December

11:30

Session 2: Beam manipulation

Session | **Location:** Denys Sciama Lecture Theatre (Oxford DWB)

11:30–11:50 The ZHI Laser - a 100Hz laser for laser-matter interactions

Speaker
Oliver Ettlinger

11:50–12:10 Pulse characterisation techniques for multi-pulse laser plasma wakefield accelerators

Speaker
Warren Wang

12:10–12:30 Optimising electron beams from a laser wakefield accelerator using machine learning

Speaker
Michael Backhouse

12:30–12:50 Observation of electron energy loss in strong fields with Bayesian inference and model selection

Speaker
Eva Los

12:50