

Session Program

6 December 2019

JAI Fest

Session 1 (Denys Sciama): Chair: Stephen Gibson

Friday 6 December

12:00

Session 1 (Denys Sciama): Chair: Stephen Gibson: Future frontier colliders

Session | **Convener:** Stephen Gibson

12:00–12:20 Welcome and introduction

Speaker

Philip Nicholas Burrows

12:20–12:40

Summary of FONT nanometer-level beam stabilization results at KEK ATF2

Speaker

Rebecca Louise Ramjiawan

12:40–13:00

Ground motion effects in the (HL-)LHC

Speaker

Hector Garcia Morales

13:00–13:20

Simulation studies of Electro-Optic-BPMs for HL-LHC

Speaker

Alberto Arteché Gonzalez

13:20–13:40

Crystal channeling for HL-LHC collimation

Speaker

Laurie Nevay

13:40–14:00

FASER Simulations: Particle propagation in and out of an accelerator

Speaker

Helena Lefebvre

14:00–14:20

Breakdown-Loaded Electric Field as a High Gradient Limit

Speaker

Mr Jan Paszkiewicz

14:20–14:40

Ion beam collimation for future hadron colliders

Speaker

Andrey Abramov

14:40–15:00

Progress on Muon Ionisation Cooling Demonstration with MICE

Speaker

Mr Paul Jurj

15:00