

JAI Fest

Report of Contributions

Contribution ID: 1

Type: **not specified**

Director's report

Thursday 19 December 2024 14:00 (30 minutes)

Presenter: BURROWS, Philip Nicholas (University of Oxford (GB))

Session Classification: Session 3

Contribution ID: 2

Type: **not specified**

Lessons learnt from Resonance Driving Terms in the LHC

Thursday 19 December 2024 10:50 (20 minutes)

Presenter: HORNEY, Sasha Jade (University of Oxford (GB))

Session Classification: Session 1

Contribution ID: 3

Type: **not specified**

Simulating Forward Muons at LHC using BDSIM

Thursday 19 December 2024 10:10 (20 minutes)

Presenter: KEYKEN, Alex (Royal Holloway, University of London (GB))

Session Classification: Session 1

Contribution ID: 4

Type: **not specified**

Boosted frame simulations of Free Electron Lasers

Thursday 19 December 2024 16:00 (20 minutes)

Presenter: LUO, Runfeng (Imperial College London)

Session Classification: Session 4

Contribution ID: 22

Type: **not specified**

The Interaction Region BPMs for the High-Lumi LHC Upgrade

Thursday 19 December 2024 11:30 (20 minutes)

Presenter: Dr BETT, Douglas (University of Oxford)

Session Classification: Session 2

Contribution ID: 23

Type: **not specified**

Collimation studies for the High-Luminosity LHC

Thursday 19 December 2024 10:30 (20 minutes)

Presenter: LINDSTROM, Bjorn Hans Filip (University of London (GB))

Session Classification: Session 1

Contribution ID: 24

Type: **not specified**

Medical Applications in CLEAR, the CERN Linear Electron Accelerator for Research

Thursday 19 December 2024 12:30 (20 minutes)

Presenter: KORYSKO, Pierre (University of Oxford (GB))

Session Classification: Session 2

Contribution ID: 25

Type: **not specified**

Overview of Beam Delivery Simulation activities

Thursday 19 December 2024 12:10 (20 minutes)

Presenters: SHIELDS, William; SHIELDS, William (Royal Holloway, University of London)

Session Classification: Session 2

Contribution ID: 27

Type: **not specified**

Accelerator Beam Instrumentation in the Treatment Room: Development of Fibre Array Detectors for VHEE FLASH and Proton Therapy

*Thursday 19 December 2024 14:30 (20 minutes)***Presenters:** BATEMAN, Joseph; BATEMAN, Joseph John (University of Oxford (GB))**Session Classification:** Session 3

Contribution ID: 28

Type: **not specified**

Recent results of an Electro-Optic BPM at CERN's SPS

Thursday 19 December 2024 11:50 (20 minutes)

Presenter: BOSMAN, Max (University of London (GB))

Session Classification: Session 2

Contribution ID: 29

Type: **not specified**

FLASHForward results

Thursday 19 December 2024 14:50 (20 minutes)

Presenters: COWLEY, James; COWLEY, James

Session Classification: Session 3

Contribution ID: 30

Type: **not specified**

Attosecond electron bunch and high harmonics generation using petawatt laser-plasma interactions

Thursday 19 December 2024 15:10 (20 minutes)

Presenter: TIMMIS, Robin (University of Oxford)

Session Classification: Session 3

Contribution ID: **31**

Type: **not specified**

TBC

Session Classification: Session 4

Contribution ID: 32

Type: **not specified**

Proton beam divergence measurements from radiation pressure driven shock acceleration

Thursday 19 December 2024 16:20 (20 minutes)

Presenter: CASATI, Ginevra (Imperial College London)

Session Classification: Session 4

Contribution ID: 33

Type: **not specified**

Life after JAI: Oxford Quantum Circuits

Thursday 19 December 2024 16:40 (20 minutes)

Presenters: LYAPIN, Alexey (University of London (GB)); LYAPIN, Alexey (RHUL)

Session Classification: Session 4

Contribution ID: 36

Type: **not specified**

Welcome and unofficial JAI bingo

Contribution ID: 37

Type: **not specified**

Welcome to JAI Fest & bingo

Thursday 19 December 2024 10:00 (10 minutes)

Presenter: GIBSON, Stephen (Royal Holloway, University of London)

Session Classification: Session 1

Contribution ID: **38**

Type: **not specified**

Photo

Thursday 19 December 2024 12:50 (10 minutes)

Presenter: GIBSON, Stephen (Royal Holloway, University of London)