

JAI Fest

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome and JAI news

Friday 11 December 2020 09:00 (30 minutes)

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

Session Classification: Session 1

Contribution ID: 2

Type: **not specified**

Studies on Integrated Optics Design for Diffraction Limited Light Sources

Friday 11 December 2020 09:30 (20 minutes)

Presenter: LI, Ji

Session Classification: Session 1

Contribution ID: 3

Type: **not specified**

Development of non-invasive beam position monitor instrumentation using Cherenkov diffraction radiation

Friday 11 December 2020 09:50 (20 minutes)

Presenter: HARRYMAN, Daniel Mark

Session Classification: Session 1

Contribution ID: 4

Type: **not specified**

Development of a beam position monitor for co-propagating beams at the AWAKE experiment using Cherenkov diffraction radiation

Friday 11 December 2020 10:10 (20 minutes)

Presenter: SENES, Eugenio (CERN)

Session Classification: Session 1

Contribution ID: 22

Type: **not specified**

Study of beam diagnostics for FETS-FFA test ring under ISIS upgrade project

Friday 11 December 2020 10:50 (20 minutes)

Presenter: YAMAKAWA, Emi

Session Classification: Session 2

Contribution ID: 23

Type: **not specified**

Studies for the K12 high-intensity kaon beam at CERN

Friday 11 December 2020 11:10 (20 minutes)

Presenter: D'ALESSANDRO, Gian Luigi (University of London (GB))

Session Classification: Session 2

Contribution ID: 24

Type: **not specified**

Energetic ion generation at the ultra-high laser intensity frontier

Friday 11 December 2020 11:30 (20 minutes)

Presenter: DOVER, Nick (Imperial College)

Session Classification: Session 2

Contribution ID: 25

Type: **not specified**

Progress on Tracking Simulations for the Laser-hybrid Accelerator for Radiobiological Applications (LhARA)

Friday 11 December 2020 11:50 (20 minutes)

Presenter: LAU, HT

Session Classification: Session 2

Contribution ID: 26

Type: **not specified**

Programmatic geometry preparation for Monte Carlo radiation transport in beam lines

Friday 11 December 2020 12:10 (20 minutes)

Presenter: WALKER, Stuart Derek (University of London (GB))

Session Classification: Session 2

Contribution ID: 27

Type: **not specified**

Electron and X-ray source driven by a periodically varying temperature of single crystal of LiTaO₃

Friday 11 December 2020 13:30 (20 minutes)

Presenter: OLEINIK, Andrey (Royal Holloway College, University of London \ Belgorod State University)

Session Classification: Session 3

Contribution ID: 28

Type: **not specified**

Guiding of high intensity laser pulses in 100 mm-long all-optical plasma channels

Friday 11 December 2020 13:50 (20 minutes)

Presenter: ROSS, Aimee Jaye (University of Oxford (GB))

Session Classification: Session 3

Contribution ID: 29

Type: **not specified**

Nonlinear wakefields and electron injection in cluster plasma

Friday 11 December 2020 14:10 (20 minutes)

Presenter: MAYR, Marko

Session Classification: Session 3

Contribution ID: 30

Type: **not specified**

Automation and control of laser wakefield accelerators using Bayesian optimisation

Friday 11 December 2020 14:30 (20 minutes)

Presenter: SHALLOO, Rob

Session Classification: Session 3

Contribution ID: 31

Type: **not specified**

Intensity-dependent effects in the Compact Linear Collider

Friday 11 December 2020 15:00 (20 minutes)

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

Session Classification: Session 4

Contribution ID: 32

Type: **not specified**

Count: the all-in-one data platform

Friday 11 December 2020 15:20 (20 minutes)

Presenter: COLE, Jason ((alumnus))

Session Classification: Session 4

Contribution ID: 33

Type: **not specified**

Life After Accelerator Physics: Public Health Research

Friday 11 December 2020 15:40 (20 minutes)

Presenter: HARRISON, Hannah ((alumna))

Session Classification: Session 4

Contribution ID: **34**

Type: **not specified**

Unofficial JAI bingo

Friday 11 December 2020 08:55 (5 minutes)

Contribution ID: 35

Type: **not specified**

Virtual Cocktails

Friday 11 December 2020 16:00 (20 minutes)

<https://spatial.chat/s/protons>

<https://spatial.chat/s/electrons>

Session Classification: Virtual cocktails