

JAI Fest

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome and introduction

Friday, 7 December 2018 10:30 (20 minutes)

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

Session Classification: Session 1 (Bourne Annexe): Chair: Stephen Gibson

Contribution ID: 2

Type: **not specified**

Luminosity and longitudinal density monitoring in the LHC

Friday, 7 December 2018 10:50 (20 minutes)

Presenter: PALM, Marcus (University of London (GB))

Session Classification: Session 1 (Bourne Annexe): Chair: Stephen Gibson

Contribution ID: 3

Type: **not specified**

A holistic approach to simulating beam losses in the LHC using BDSIM

Friday, 7 December 2018 11:10 (20 minutes)

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

Session Classification: Session 1 (Bourne Annexe): Chair: Stephen Gibson

Contribution ID: 4

Type: **not specified**

Future hadron colliders

Friday, 7 December 2018 11:30 (20 minutes)

Presenter: ABELLEIRA, Jose

Session Classification: Session 1 (Bourne Annexe): Chair: Stephen Gibson

Contribution ID: 5

Type: **not specified**

Impact of stray magnetic fields on low-emittance beam dynamics

Friday, 7 December 2018 11:50 (20 minutes)

Presenter: GOHIL, Chetan (University of Oxford (GB))

Session Classification: Session 1 (Bourne Annexe): Chair: Stephen Gibson

Contribution ID: 6

Type: **not specified**

Low-latency beam feedbacks for e+e- colliders

Friday, 7 December 2018 12:10 (20 minutes)

Presenters: BETT, Doug (University of Oxford); BETT, Douglas Robert (CERN)

Session Classification: Session 1 (Bourne Annexe): Chair: Stephen Gibson

Contribution ID: 7

Type: **not specified**

Status of CLARA and UK FEL plans

Friday, 7 December 2018 14:00 (20 minutes)

Presenter: ANGAL-KALININ, Deepa (Daresbury Laboratory)

Session Classification: Session 2 (Moore Auditorium): Chair Ivan Konoplev

Contribution ID: 8

Type: **not specified**

Longitudinal beam profile diagnostics using coherent Cherenkov radiation at CLARA accelerator

Friday, 7 December 2018 14:20 (20 minutes)

Presenter: FEDOROV, Kirill (RHUL)

Session Classification: Session 2 (Moore Auditorium): Chair Ivan Konoplev

Contribution ID: 9

Type: **not specified**

Pulse compression, depletion and power amplification of a laser pulse driving a non-linear wakefield

Friday, 7 December 2018 14:40 (20 minutes)

Presenter: STREETER, Matthew (Imperial College London)

Session Classification: Session 2 (Moore Auditorium): Chair Ivan Konoplev

Contribution ID: **10**

Type: **not specified**

Towards high-repetition-rate plasma accelerators with HOFI channels

Friday, 7 December 2018 15:00 (20 minutes)

Presenter: Mr JONNERBY, Jakob (University of Oxford)

Session Classification: Session 2 (Moore Auditorium): Chair Ivan Konoplev

Contribution ID: **11**

Type: **not specified**

Transparency of overdense foils to intense laser pulses

Friday, 7 December 2018 15:20 (20 minutes)

Presenter: DITTER, Emma-Jane (Imperial College London)

Session Classification: Session 2 (Moore Auditorium): Chair Ivan Konoplev

Contribution ID: 12

Type: **not specified**

Measuring the radiation reaction of energetic electrons interacting with light

Friday, 7 December 2018 15:40 (20 minutes)

Presenter: GERSTMEYER, Elias (Imperial College London)

Session Classification: Session 2 (Moore Auditorium): Chair Ivan Konoplev

Contribution ID: 13

Type: **not specified**

From particle physics to cancer therapy

Friday, 7 December 2018 16:30 (30 minutes)

Presenter: DOSANJH, Manjit (CERN)

Session Classification: Session 3 (Moore Auditorium): Chair: Zulfikar Najmudin

Contribution ID: 14

Type: **not specified**

BDSIM applications for proton therapy

Friday, 7 December 2018 17:00 (20 minutes)

Presenter: SHIELDS, William (Royal Holloway, University of London)

Session Classification: Session 3 (Moore Auditorium): Chair: Zulfikar Najmudin

Contribution ID: 15

Type: **not specified**

LARA: a laser-based beamline for clinical applications

Friday, 7 December 2018 17:20 (20 minutes)

Presenters: KURUP, Ajit (Imperial College Sci., Tech. & Med. (GB)); KURUP, Ajit

Session Classification: Session 3 (Moore Auditorium): Chair: Zulfikar Najmudin

Contribution ID: 16

Type: **not specified**

From medical accelerators to frontier accelerators... and back again

Friday, 7 December 2018 17:40 (20 minutes)

Presenter: Dr SHEEHY, Suzie (University of Oxford and STFC/ASTeC/RAL)

Session Classification: Session 3 (Moore Auditorium): Chair: Zulfikar Najmudin