

Octoberfest at JAI

Dennis Sciama Lecture Theatre, Level 5, Denys Wilkinson Building,

Keble Road, Oxford, OX1 3RH

Tuesday 2nd October 2012

9:30-10:00 Coffee/tea on arrival

10:00-10:10 A. Seryi (JAI, Oxford University)

Opening of the Octoberfest, JAI recent updates and Welcome to the new member of JAI and Guests

10:10 -10:30 P Burrows (JAI, Oxford University)

Update on global strategy for accelerators for particle physics

10:30 -10:50 Nicholas Dover (JAI, Imperial College London)

Laser hole-boring and ion acceleration in just-overdense plasmas with CO2 lasers

10:50-11:10 R Bartolini (JAI, Oxford University/ Diamond)

Beam Dynamics and FEL activity at JAI at Oxford

11:10-11:30 Coffee/Tea

11:30 -11:50 Michael Bloom (JAI, Imperial College London)

Betatron radiation from electrons accelerated above GeV by a laser wakefield accelerator

11:50 -12:10 Matthew Streeter (JAI, Imperial College London)

Dynamics of critical density surfaces driven by laser radiation sources

12:10- 12:30 Nicolas Bourgeois (JAI, Oxford University)

Electron acceleration in a gas-filled capillary discharge waveguide

12:30- 12:45 M. Warren (JAI, Oxford University)

Funding opportunities for collaborative research

12:45 - 13:00 M. Harvey (JAI, Oxford University)

Managing IP and industry collaborations

13:00 -14:00 Lunch

14:00 -14:20 G. Burt (CI, University of Lancaster)

Development of a compact low energy industrial electron LINAC

14:20-14:40 L. Corner (JAI, University of Oxford)

Lasers for Accelerators: Activities across the JAI

14:40- 15:00 G. Christian (JAI, University of Oxford)

Beam-based feedback/feedforward development at ATF and CTF3

15:00- 15:20 B. Bingham (RAL)

Cyclotron Masers in laboratory and astrophysical plasmas

15:20-15:40 V. Blackmore (JAI, Oxford University)

The Status of MICE

15:40 -16:00 A.D.R. Phelps (University of Strathclyde)

High power millimetre-wave sources

16:00-16:20 Coffee/Tea

16:20 -16:40 Francis Cullinan (JAI, Royal Holloway University of London)

Radio Frequency diagnostics

16:40 – 17:00 Robert Ainsworth (JAI, Royal Holloway University of London)

Super conducting cavity design for ESS

17:00 -17:20 B. Foster (JAI, University of Oxford)

Helmholtz Association Virtual Institute for Plasma Acceleration - Outline & Plans

17:20 -18:00 E. Tsesmelis (CERN)

CERN and its Future High-energy Physics Projects

18:00-till late

Cheese, olives and wine

We would also suggest migrating to the Royal Oak for further fruitful discussion after 19:00 .To estimate numbers for catering purposes, please RSVP to Sue Geddes (s.geddes1@physics.ox.ac.uk).