

ACAS School for Accelerator Physics 2016

Report of Contributions

Contribution ID : 0

Type : **not specified**

Lecture 1 History of Accelerators

Summary

Presenter(s) : Dr CORBETT, Jeff (SLAC)

Track Classification : Lectures

Contribution ID : 1

Type : **not specified**

Accelerator Physics in Australia

Monday, 18 January 2016 09:00 (60)

Summary

Presenter(s) : Dr BOLAND, Mark (Australian Synchrotron)

Track Classification : Lectures

Contribution ID : 2

Type : **not specified**

Aussy Sunch

Monday, 18 January 2016 10:15 (60)

Summary

Primary author(s) : TAN, Eugene (Australian Synchrotron)

Presenter(s) : TAN, Eugene (Australian Synchrotron)

Track Classification : Lectures

Contribution ID : 3

Type : **not specified**

Enabling Science

Monday, 18 January 2016 11:30 (60)

Summary

Presenter(s) : Dr CORBETT, Jeff (SLAC)

Contribution ID : 4

Type : **not specified**

Lab Primer (Day 1)

Monday, 18 January 2016 15:00 (45)

Summary

Presenter(s) : Prof. FOX, John (SLAC); Dr PAM, Rick (Stanford)

Track Classification : Prelabs

Contribution ID : 5

Type : **not specified**

Accelerator Basics

Tuesday, 19 January 2016 09:00 (60)

Summary

Presenter(s) : Dr CORBETT, Jeff (SLAC)

Contribution ID : 6

Type : **not specified**

Synchrotron Radiation 1

Tuesday, 19 January 2016 10:15 (60)

Summary

Presenter(s) : Prof. MITSUHASHI, Toshiyuki (KEK)

Contribution ID : 7

Type : **not specified**

Signals/Feedback 1

Tuesday, 19 January 2016 11:30 (60)

Summary

Presenter(s) : Prof. FOX, John (SLAC)

Contribution ID : 8

Type : **not specified**

Lab Primer (Day 2)

Tuesday, 19 January 2016 14:00 (45)

Summary

Presenter(s) : Prof. FOX, John (SLAC); Dr PAM, Rick (Stanford)

Contribution ID : 9

Type : **not specified**

Betatron functions

Wednesday, 20 January 2016 09:00 (60)

Summary

Presenter(s) : Dr CORBETT, Jeff (SLAC)

Contribution ID : **10**

Type : **not specified**

Synchrotron Radiation 2

Wednesday, 20 January 2016 10:15 (60)

Summary

Presenter(s) : Prof. MITSUHASHI, toshiyuki (KEK)

Contribution ID : **11**

Type : **not specified**

Signals/Feedback 2

Wednesday, 20 January 2016 11:30 (60)

Summary

Presenter(s) : Prof. FOX, John (SLAC)

Contribution ID : **12**

Type : **not specified**

Lab Primer (Day 3)

Wednesday, 20 January 2016 15:00 (45)

Summary

Presenter(s) : Dr PAM, Rick (Stanford)

Contribution ID : 13

Type : **not specified**

Beam Loss Physics

Thursday, 21 January 2016 10:15 (60)

Summary

Presenter(s) : Dr NEBOT DEL BUSTO, Eduardo (CERN)

Contribution ID : 14

Type : **not specified**

Beam Loss Technology

Friday, 22 January 2016 09:00 (60)

Summary

Presenter(s) : Dr NEBOT DEL BUSTO, Eduardo (CERN)

Contribution ID : 15

Type : **not specified**

Signals/Feedback 3

Thursday, 21 January 2016 11:30 (60)

Summary

Presenter(s) : Prof. FOX, John (SLAC)

Contribution ID : 16

Type : **not specified**

Lab Primer (Day 4)

Thursday, 21 January 2016 15:00 (45)

Summary

Presenter(s) : Dr PAM, Rick (Stanford)

Contribution ID : 17

Type : **not specified**

XBOX

Tuesday, 26 January 2016 11:30 (60)

Summary

Presenter(s) : Dr BOLAND, Mark (Australian Synchrotron)

Contribution ID : **18**

Type : **not specified**

Grad School

Friday, 22 January 2016 10:15 (60)

Summary

Presenter(s) : Mr THOMAS, Lucas (Melbourne University)

Contribution ID : **19**

Type : **not specified**

Signals/Feedback 4

Friday, 22 January 2016 11:30 (60)

Summary

Presenter(s) : Prof. FOX, John (SLAC)

Contribution ID : **20**

Type : **not specified**

Lab Primer (Day 5)

Friday, 22 January 2016 14:00 (45)

Summary

Presenter(s) : Dr PAM, Rick (Stanford)

Contribution ID : 21

Type : **not specified**

Synchrotron Radiation 3

Saturday, 23 January 2016 10:00 (105)

Summary

Presenter(s) : Prof. MITSUHASHI, toshiyuki (KEK)

Contribution ID : 22

Type : **not specified**

Accelerator Physics at the Australian Synchrotron

Saturday, 23 January 2016 14:00 (180)

Tour of the accelerator tunnels, control room and beamlines.

Summary

Presenter(s) : Dr BOLAND, Mark (Australian Synchrotron)

Contribution ID : 23

Type : **not specified**

Synchrotron Oscillations

Monday, 25 January 2016 09:00 (60)

Summary

Presenter(s) : Dr CORBETT, Jeff (SLAC)

Contribution ID : 24

Type : **not specified**

Synchrotron Radiation 4

Monday, 25 January 2016 10:15 (60)

Summary

Presenter(s) : Prof. MITSUHASHI, toshiyuki (KEK)

Contribution ID : 25

Type : **not specified**

Signals/Feedback 5

Monday, 25 January 2016 11:30 (60)

Summary

Presenter(s) : Prof. FOX, John (SLAC)

Contribution ID : 26

Type : **not specified**

Lab Primer (Day 7)

Monday, 25 January 2016 14:00 (45)

Summary

Presenter(s) : Dr PAM, Rick (Stanford)

Contribution ID : 27

Type : **not specified**

Synchrotron Radiation

Tuesday, 26 January 2016 09:00 (60)

Summary

Presenter(s) : Dr CORBETT, Jeff (SLAC)

Contribution ID : 28

Type : **not specified**

Synchrotron Radiation 5

Tuesday, 26 January 2016 10:15 (60)

Summary

Presenter(s) : Prof. MITSUHASHI, toshiyuki (KEK)

Contribution ID : **30**

Type : **not specified**

Damping and Emittance

Wednesday, 27 January 2016 09:00 (60)

Summary

Presenter(s) : Dr CORBETT, Jeff (SLAC)

Contribution ID : 31

Type : **not specified**

Synchrotron Radiation 6

Wednesday, 27 January 2016 10:15 (60)

Summary

Presenter(s) : Prof. MITSUHASHI, toshiyuki (KEK)

Contribution ID : **32**

Type : **not specified**

Signals/Feedback 6

Wednesday, 27 January 2016 11:30 (60)

Summary

Presenter(s) : Prof. FOX, John (SLAC)

Contribution ID : 33

Type : **not specified**

Lab Primer (Day 9)

Wednesday, 27 January 2016 14:00 (45)

Summary

Presenter(s) : Dr PAM, Rick (Stanford)

Contribution ID : 34

Type : **not specified**

ANSTO Centre for Accelerator Science

Thursday, 21 January 2016 14:00 (60)

Summary

Presenter(s) : Prof. COHEN, David (ANSTO)

Contribution ID : 35

Type : **not specified**

Compact X-ray Sources: Addressing the Limitations of the Large User Facilities

Monday, 18 January 2016 14:00 (60)

The most brilliant x-ray beams are provided by large national synchrotron facilities, but their cost, physical size, remote location, access policies, or other fundamental aspects can limit or preclude certain applications. I will describe the characteristics of the most promising compact technology, inverse Compton scattering, and give examples of critically important opportunities that require compact sources.

Summary

Presenter(s) : Prof. MUNCTON, David (MIT)

Contribution ID : 36

Type : **not specified**

RF and Impedance

Wednesday, 20 January 2016 14:00 (60)

Summary

Presenter(s) : DOWD, Rohan (Australian Synchrotron)

Contribution ID : 37

Type : **not specified**

Physics at the LHC

Thursday, 21 January 2016 09:00 (60)

Summary

Presenter(s) : Prof. TAYLOR, Geoffrey (University of Melbourne)

Contribution ID : **38**

Type : **not specified**

ANU Heavy Ion Accelerator

Saturday, 23 January 2016 12:00 (60)

Summary

Presenter(s) : Dr LOBANOV, Nikolai (ANU)

Contribution ID : 39

Type : **not specified**

Synchrotron Radiation 3b

Summary

Presenter(s) : Prof. MITSUHASHI, toshiyuki (KEK)

Contribution ID : **40**

Type : **not specified**

Accelerators and Lasers

Thursday, 28 January 2016 09:00 (60)

Summary

Presenter(s) : Dr CORBETT, Jeff (SLAC)

Contribution ID : 41

Type : **not specified**

Coherence

Thursday, 28 January 2016 10:00 (60)

Summary

Presenter(s) : Prof. MITSUHASHI, toshiyuki (KEK)