

ACAS School for Accelerator Physics 2016

Report of Contributions

Contribution ID: 0

Type: not specified

Lecture 1 History of Accelerators

Presenter: Dr CORBETT, Jeff (SLAC)

Track Classification: Lectures

Contribution ID: 1

Type: not specified

Accelerator Physics in Australia

Monday, 18 January 2016 09:00 (1 hour)

Presenter: Dr BOLAND, Mark (Australian Synchrotron)

Track Classification: Lectures

Contribution ID: 2

Type: not specified

Aussy Sunch

Monday, 18 January 2016 10:15 (1 hour)

Primary author: TAN, Eugene (Australian Synchrotron)

Presenter: TAN, Eugene (Australian Synchrotron)

Track Classification: Lectures

Contribution ID: 3

Type: not specified

Enabling Science

Monday, 18 January 2016 11:30 (1 hour)

Presenter: Dr CORBETT, Jeff (SLAC)

Contribution ID: 4

Type: not specified

Lab Primer (Day 1)

Monday, 18 January 2016 15:00 (45 minutes)

Presenters: 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 (1 hour)

Presenter: Dr CORBETT, Jeff (SLAC)

Contribution ID: 6

Type: not specified

Synchrotron Radiation 1

Tuesday, 19 January 2016 10:15 (1 hour)

Presenter: Prof. MITSUHASHI, Toshiyuki (KEK)

Contribution ID: 7

Type: not specified

Signals/Feedback 1

Tuesday, 19 January 2016 11:30 (1 hour)

Presenter: Prof. FOX, John (SLAC)

Contribution ID: 8

Type: not specified

Lab Primer (Day 2)

Tuesday, 19 January 2016 14:00 (45 minutes)

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

Contribution ID: 9

Type: not specified

Betatron functions

Wednesday, 20 January 2016 09:00 (1 hour)

Presenter: Dr CORBETT, Jeff (SLAC)

Contribution ID: 10

Type: not specified

Synchrotron Radiation 2

Wednesday, 20 January 2016 10:15 (1 hour)

Presenter: Prof. MITSUHASHI, toshiyuki (KEK)

Contribution ID: 11

Type: not specified

Signals/Feedback 2

Wednesday, 20 January 2016 11:30 (1 hour)

Presenter: Prof. FOX, John (SLAC)

Contribution ID: 12

Type: not specified

Lab Primer (Day 3)

Wednesday, 20 January 2016 15:00 (45 minutes)

Presenter: Dr PAM, Rick (Stanford)

Contribution ID: 13

Type: not specified

Beam Loss Physics

Thursday, 21 January 2016 10:15 (1 hour)

Presenter: Dr NEBOT DEL BUSTO, Eduardo (CERN)

Contribution ID: 14

Type: not specified

Beam Loss Technology

Friday, 22 January 2016 09:00 (1 hour)

Presenter: Dr NEBOT DEL BUSTO, Eduardo (CERN)

Contribution ID: 15

Type: not specified

Signals/Feedback 3

Thursday, 21 January 2016 11:30 (1 hour)

Presenter: Prof. FOX, John (SLAC)

Contribution ID: 16

Type: not specified

Lab Primer (Day 4)

Thursday, 21 January 2016 15:00 (45 minutes)

Presenter: Dr PAM, Rick (Stanford)

Contribution ID: 17

Type: not specified

XBOX

Tuesday, 26 January 2016 11:30 (1 hour)

Presenter: Dr BOLAND, Mark (Australian Synchrotron)

Contribution ID: 18

Type: not specified

Grad School

Friday, 22 January 2016 10:15 (1 hour)

Presenter: Mr THOMAS, Lucas (Melbourne University)

Contribution ID: 19

Type: not specified

Signals/Feedback 4

Friday, 22 January 2016 11:30 (1 hour)

Presenter: Prof. FOX, John (SLAC)

Contribution ID: 20

Type: not specified

Lab Primer (Day 5)

Friday, 22 January 2016 14:00 (45 minutes)

Presenter: Dr PAM, Rick (Stanford)

Contribution ID: 21

Type: not specified

Synchrotron Radiation 3

Saturday, 23 January 2016 10:00 (1h 45m)

Presenter: Prof. MITSUHASHI, toshiyuki (KEK)

Contribution ID: 22

Type: not specified

Accelerator Physics at the Australian Synchrotron

Saturday, 23 January 2016 14:00 (3 hours)

Tour of the accelerator tunnels, control room and beamlines.

Presenter: Dr BOLAND, Mark (Australian Synchrotron)

Contribution ID: 23

Type: not specified

Synchrotron Oscillations

Monday, 25 January 2016 09:00 (1 hour)

Presenter: Dr CORBETT, Jeff (SLAC)

Contribution ID: 24

Type: not specified

Synchrotron Radiation 4

Monday, 25 January 2016 10:15 (1 hour)

Presenter: Prof. MITSUHASHI, toshiyuki (KEK)

Contribution ID: 25

Type: not specified

Signals/Feedback 5

Monday, 25 January 2016 11:30 (1 hour)

Presenter: Prof. FOX, John (SLAC)

Contribution ID: 26

Type: not specified

Lab Primer (Day 7)

Monday, 25 January 2016 14:00 (45 minutes)

Presenter: Dr PAM, Rick (Stanford)

Contribution ID: 27

Type: not specified

Synchrotron Radiation

Tuesday, 26 January 2016 09:00 (1 hour)

Presenter: Dr CORBETT, Jeff (SLAC)

Contribution ID: 28

Type: not specified

Synchrotron Radiation 5

Tuesday, 26 January 2016 10:15 (1 hour)

Presenter: Prof. MITSUHASHI, toshiyuki (KEK)

Contribution ID: 30

Type: not specified

Damping and Emittance

Wednesday, 27 January 2016 09:00 (1 hour)

Presenter: Dr CORBETT, Jeff (SLAC)

Contribution ID: 31

Type: not specified

Synchrotron Radiation 6

Wednesday, 27 January 2016 10:15 (1 hour)

Presenter: Prof. MITSUHASHI, toshiyuki (KEK)

Contribution ID: 32

Type: not specified

Signals/Feedback 6

Wednesday, 27 January 2016 11:30 (1 hour)

Presenter: Prof. FOX, John (SLAC)

Contribution ID: 33

Type: not specified

Lab Primer (Day 9)

Wednesday, 27 January 2016 14:00 (45 minutes)

Presenter: Dr PAM, Rick (Stanford)

Contribution ID: 34

Type: not specified

ANSTO Centre for Accelerator Science

Thursday, 21 January 2016 14:00 (1 hour)

Presenter: 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 (1 hour)

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.

Presenter: Prof. MUNCTON, David (MIT)

Contribution ID: 36

Type: not specified

RF and Impedance

Wednesday, 20 January 2016 14:00 (1 hour)

Presenter: DOWD, Rohan (Australian Synchrotron)

Contribution ID: 37

Type: not specified

Physics at the LHC

Thursday, 21 January 2016 09:00 (1 hour)

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

Contribution ID: 38

Type: not specified

ANU Heavy Ion Accelerator

Saturday, 23 January 2016 12:00 (1 hour)

Presenter: Dr LOBANOV, Nikolai (ANU)

Contribution ID: 39

Type: not specified

Synchrotron Radiation 3b

Presenter: Prof. MITSUHASHI, toshiyuki (KEK)

Contribution ID: 40

Type: not specified

Accelerators and Lasers

Thursday, 28 January 2016 09:00 (1 hour)

Presenter: Dr CORBETT, Jeff (SLAC)

Contribution ID: 41

Type: not specified

Coherence

Thursday, 28 January 2016 10:00 (1 hour)

Presenter: Prof. MITSUHASHI, toshiyuki (KEK)