

Session Program

Jul 4 - 11, 2012



ICHEP2012

Room 218 - Future Accelerators - Detectors and Computing for HEP - TR14&13

Melbourne Convention and Exhibition Centre
Melbourne Australia

Sat, July 7

9:00 AM

Room 218 - Future Accelerators - Detectors and Computing for HEP - TR14&13

Session | **Location:** Melbourne Convention and Exhibition Centre, Room 218, Melbourne Australia

09:00 - 09:15 The CLIC project, status and prospects

Speaker

Prof. Steinar Stapnes

09:15 - 09:30

Development of beam-collision feedback systems for future lepton colliders

Speaker

Prof. Philip Burrows

09:30 - 09:45

Status of the SuperB project

Speaker

Umberto Dosselli

09:45 - 10:00

Precision Polarimetry for Electron Positron Linear Colliders

Speaker

Dr Jenny List

10:00 - 10:15

Spin tracking at Future e+e- Colliders

Speaker

Dr Anthony Hartin

10:15 - 10:30

Heavy ion collider facility NICA at JINR (Dubna): status and development

Speaker

Dr Grigory Trubnikov

10:30 - 10:45

Prospective for A Fixed-Target Experiment at the LHC: AFTER @ LHC

Speaker

Dr Jean-Philippe Lansberg

10:45 - 11:00

Refreshment Break

11:00 - 11:30

LHC Status and Future Upgrade Plans

Speaker

Dr Ralph Steinhagen

11:30 - 11:45

Design Concepts for a Large Hadron Electron Collider

Speaker

Prof. Max Klein

11:45 - 12:00

The High Intensity Future of Fermilab

Speaker

Dr Young-Kee Kim

12:00 - 12:15

Progress of MICE, the International Muon Ionization Cooling Experiment**Speaker**

Prof. Kenneth Long

12:15 - 12:30

The Accelerator Complex from the International Design Study of the Neutrino Factory**Speaker**

Dr Paul Soler Jermyn

12:30 - 12:45

A new intense DC muon beam from a pion capture solenoid, MuSIC**Speaker**

Ms Yuko Hino

12:45 - 13:45

Lunch Break

13:45 - 14:00

The DPHEP Study Group: Data Preservation in High Energy Physics**Speaker**

Dr David South

14:00 - 14:15

Computing at SuperB**Speaker**

Dr Domenico Del Prete

14:15 - 14:30

Data Preparation for the CMS detector at 8TeV at the LHC.**Speaker**

Dr Jean-Roch Vlimant

14:30 - 14:45

The Present and Future Challenges of Distributed Computing in the ATLAS experiment**Speaker**

Dr Ikuo Ueda

14:45 - 15:00

Common Solutions to LHC Computing Problems**Speaker**

Dr Ian Fisk

15:00 - 15:15

Any data, any time, any where**Speaker**

Prof. Sudhir Malik

15:15 - 15:30

The Large Hadron electron Collider Detector Design Concept (LHeC Study Group)**Speaker**

Dr Alessandro Polini

15:30 - 15:45

The MICE beamline instrumentation (trackers and PID) for precise emittance measurement.

Speaker

Dr Paul Soler Jermyn

15:45 - 16:00 **Refreshment Break**16:00 - 16:15 **Belle II at SuperKEKB****Speaker**

Prof. Martin Sevier

16:15 - 16:30

The DEPFET pixel vertex detector for the Belle II experiment at SuperKEKB**Speaker**

Dr Stefan; on behalf of the DEPFET collaboration Rummel

16:30 - 16:50 **The SiD Detector Concept for the International Linear Collider****Speaker**

Prof. Andy White

16:50 - 17:10 **The ILD detector concept for the ILC****Speaker**

Dr Tomohiko Tanabe

17:10 - 17:30 **Physics and Detectors at CLIC****Speaker**

Dr Frank Simon

17:30 - 17:45

Performance of the CALICE analogue calorimeters and tests of GEANT4**Speaker**

Dr Tamaki Yoshioka

17:45 - 18:00 **High Resolution Hadron Calorimetry****Speaker**

Dr Adam Para

6:00 PM