

Session Program

4-11 Jul 2012



ICHEP2012

Room 217 - Heavy Ion Collisions / B-Physics / CP Violation - TR5/7/9

Melbourne Convention and Exhibition Centre
Melbourne Australia

Friday 6 July

09:00

Room 217 - Heavy Ion Collisions / B-Physics / CP Violation - TR5/7/9

Session | **Location:** Melbourne Convention and Exhibition Centre, Room 217, Melbourne Australia

09:00–09:15

Measurement of boson production in lead-lead collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector

Speaker

Prof. Max Klein

09:15–09:30

Measurements of Jets and Jet Properties in $\sqrt{s_{NN}}=2.76$ TeV PbPb Collisions with the ATLAS Detector at the LHC

Speaker

Prof. Erez Etzion

09:30–09:45

J/Psi and Upsilon production in proton-nucleus collisions: lessons from RHIC for the 2012 proton-lead LHC run

Speakers

Dr Jean-Philippe Lansberg, Jean-Philippe Lansberg, Jean-Philippe Lansberg, Jean-Philippe Lansberg

09:45–10:00

Suppression of high-pt heavy-flavour particles in Pb-Pb collisions at the LHC, measured with the ALICE detector

Speaker

Dr Andrea Dainese

10:00–10:15

Quarkonia production in 2.76 TeV PbPb collisions in CMS

Speaker

Dr Nuno Viegas Guerreiro Leonardo

10:15–10:30

Dijet imbalance in 2.76 TeV PbPb collisions in CMS

Speaker

Dr David Krofcheck

10:30–11:00

Refreshment Break

11:00–11:15

Measurement of harmonic flow and particle correlations in lead-lead collisions at $\sqrt{s_{NN}}=2.76$ TeV from ATLAS

Speaker

Prof. Ehud Duchovni

11:15–11:30

DIPSY - a new generator for minimum bias and heavy ion collisions

Speaker

Prof. Leif Ingvar Lönnblad

11:30-11:45

Particle production in Pb-Pb collisions with the ALICE experiment at LHC**Speaker**

Ms Francesca Bellini

11:45-12:00

Collective flow and charged hadron correlations in 2.76 TeV PbPb collisions at CMS**Speaker**

Dr Sandra Padula

12:00-12:15

Anisotropic Flow of Charged Particles at High Transverse Momentum in 2.76 TeV Pb-Pb Collisions at the LHC from ALICE experiment**Speaker**

Ms Anitha Nyatha

12:15-12:30

Flow of strange and charm particles in Pb-Pb collisions at $\sqrt{s_{NN}}$ = 2.76 TeV measured with ALICE**Speaker**

Mr Carlos Eugenio Perez Lara

12:30-12:45

Scientific Program of NICA @ JINR**Speaker**

Prof. Vladimir Kekelidze

12:45-13:00

Recent results and future plans form the NA61/SHINE experiment**Speaker**

Dr Silvestro Di Luise

13:00-13:15

Electron-Ion Collisions at a Large Hadron electron Collider (LHeC Study Group)**Speaker**

Prof. Paul Newman

13:15-13:45

Lunch Break

13:45-14:00

Prospects of measuring the CKM matrix element V_{ts} at the LHC**Speaker**

Prof. Fernando Barreiro

14:00-14:15

 $b \rightarrow s\gamma$ and $b \rightarrow s l^+ l^-$ at BaBar**Speaker**

Prof. Gerald Eigen

14:15-14:30

A global fit to extract the $B \rightarrow Xs \gamma$ decay rate**Speaker**

Mr Florian Bernlochner

14:30-14:45

Radiative B decays at LHCb

Speaker

Dr Olivier Deschamps

14:45-15:00

Rare or forbidden B decays at Belle**Speaker**

Ms Oksana Brovchenko

15:00-15:15

Studies of rare beauty and charm decays with the CMS experiment**Speaker**

Mr Keith Ulmer

15:15-15:30

Studies of the electroweak penguin transitions $b \rightarrow s \mu^+ \mu^-$ and $b \rightarrow d \mu^+ \mu^-$ at LHCb**Speaker**

Dr Abraham Antonio Gallas Torreira

15:30-15:45

CDF results on the search for rare $B_d, B_s \rightarrow \mu^+ \mu^-$ and $X_s \mu^+ \mu^-$ decays**Speaker**

Dr Hideki Miyake

15:45-16:00

Refreshment Break

16:00-16:15

Flavour data constraints on supersymmetry and SuperIso**Speaker**

Dr Nazila Mahmoudi

16:15-16:30

Rare kaon decay measurements with NA62/NA48 minimum bias data**Speaker**

Prof. Vladimir Kekelidze

16:30-16:45

ORKA, The Golden Kaon Experiment: Precision measurement of $K^+ \rightarrow \pi^+ \nu \bar{\nu}$ and other ultra-rare processes**Speaker**

Prof. Mike Hildreth

16:45-17:00

Rare and forbidden B decays at BaBar**Speaker**

Dr Steven Robertson

17:00-17:15

Search for $B_s(B_0) \rightarrow \mu \mu$ and other exclusive B decays**Speaker**

Dr Paolo Iengo

17:15-17:30

Searches for very rare decays to purely leptonic final states at LHCb**Speaker**

Mr Mathieu Perrin-Terrin

17:30-17:45

B physics at SuperB

Speaker
Claudia Cecchi

17:45-18:00 **Physics with the Belle II experiment**

Speaker
Prof. Mikhail Danilov

18:00