

Session Program

Jul 4 - 11, 2012



ICHEP2012

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

Melbourne Convention and Exhibition Centre
Melbourne Australia

Fri, July 6

9:00 AM

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

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

9:00 - 9:15 AM

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

Speaker

Prof. Max Klein

9:15 - 9:30 AM

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

9:30 - 9:45 AM

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

9:45 - 10:00 AM

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 AM

Quarkonia production in 2.76 TeV PbPb collisions in CMS

Speaker

Dr Nuno Viegas Guerreiro Leonardo

10:15 - 10:30 AM

Dijet imbalance in 2.76 TeV PbPb collisions in CMS

Speaker

Dr David Krofcheck

10:30 - 11:00 AM

Refreshment Break

11:00 - 11:15 AM

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 AM

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

Speaker

Prof. Leif Ingvar Lönnblad

11:30 - 11:45 AM

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

Ms Francesca Bellini

11:45 AM - 12:00 PM

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

Dr Sandra Padula

12:00 - 12:15 PM

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 PM

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 PM

Scientific Program of NICA @ JINR**Speaker**

Prof. Vladimir Kekelidze

12:45 - 1:00 PM

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

Dr Silvestro Di Luise

1:00 - 1:15 PM

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

Prof. Paul Newman

1:15 - 1:45 PM

Lunch Break

1:45 - 2:00 PM

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

Prof. Fernando Barreiro

2:00 - 2:15 PM

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

Prof. Gerald Eigen

2:15 - 2:30 PM

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

Mr Florian Bernlochner

2:30 - 2:45 PM

Radiative B decays at LHCb

Speaker

Dr Olivier Deschamps

2:45 – 3:00 PM

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

Ms Oksana Brovchenko

3:00 – 3:15 PM

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

Mr Keith Ulmer

3:15 – 3:30 PM

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

3:30 – 3:45 PM

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

Dr Hideki Miyake

3:45 – 4:00 PM

Refreshment Break

4:00 – 4:15 PM

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

Dr Nazila Mahmoudi

4:15 – 4:30 PM

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

Prof. Vladimir Kekelidze

4:30 – 4:45 PM

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

Prof. Mike Hildreth

4:45 – 5:00 PM

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

Dr Steven Robertson

5:00 – 5:15 PM

Search for $B_s(B^0) \rightarrow \mu \mu$ and other exclusive B decays**Speaker**

Dr Paolo Iengo

5:15 – 5:30 PM

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

Mr Mathieu Perrin-Terrin

5:30 – 5:45 PM

B physics at SuperB

Speaker
Claudia Cecchi

5:45 - 6:00 PM **Physics with the Belle II experiment**

Speaker
Prof. Mikhail Danilov

6:00 PM