

## **Session Program**

**4-11 Jul 2012**



## **ICHEP2012**

### ***Poster Session***

Melbourne Convention and Exhibition Centre  
Melbourne Australia

# Saturday 7 July

18:00

## Poster Session

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

### Inelastic J/Psi double differential cross sections

**Speaker**

Dr Alessandro Bertolin

### Large Jet Multiplicities and New Physics at the LHC

**Speaker**

Dr Jason Kumar

### Longitudinal structure function using Thermodynamical Bag model

**Speaker**

Dr Krishna Kumar Singh

### Measurement of the Azimuthal Correlation between the most Forward Jet and the Scattered Positron in Deep-Inelastic Scattering at HERA

**Speaker**

. H1 Collaboration

### Measurement of the Z to tau tau cross section with the ATLAS detector

**Speaker**

Ms Jana Novakova

### Measurement of the electron neutrino component of the T2K beam at ND280

**Speaker**

Dr Glenn Lopez

### Measurement of the inclusive production cross sections for forward jets and forward - central dijets in CMS at $\sqrt{s} = 7$ TeV

**Speaker**

Dr Salim Cerci

### Measuring the b-jet tagging efficiency using top quark pairs events with ATLAS data

**Speaker**

Ms Agnieszka Leyko

### Model Independent Search for New Phenomena in ppbar Collisions at $\sqrt{s} = 1.96$ TeV

**Speakers**

James Alexander Kraus, Dr James Kraus

### Muon fast Track Tag : A muon trigger upgrade for CMS at the HL-LHC

**Speaker**

Dr Oliver Pooth

### Non-collision backgrounds in ATLAS

**Speaker**

Dr Stephen Gibson

**Optimization of neutrino fluxes for future long baseline neutrino oscillation experiment****Speaker**

Dr Silvestro Di Luise

**Parametrizing the Neutrino sector of the seesaw extension in tau decays****Speaker**

Dr Darius Jurciukonis

**Parity of Pions and CP Violation in Neutral Kaon System****Speaker**

Dr Brian Robson

**Performance of the ATLAS Transition Radiation Tracker****Speaker**

Mr Kevin Daniel Finelli

**Physics and detector studies with the very forward calorimeters at a future linear collider****Speaker**

Dr Ivanka Bozovic-Jelisavcic

**Recent result on search for nucleon decay and neutron-antineutron oscillation in Super-Kamiokande****Speaker**

Dr Jun Kameda

**Search for Higgs decaying to tau tau at CMS****Speaker**

Ms Agni Bethani

**Search for MSSM Higgs decaying to mu mu at CMS****Speaker**

Dr Adrian Perieanu

**Search for RS Gravitons decaying into a Jet plus Missing ET with CMS****Speaker**

Thiago Fernandez Perez Tomei

**Search for SM Higgs boson in  $2l2\tau$  final state****Speaker**

Prof. Gobinda Majumder

**Search for SM Higgs decaying to WW and WW production cross section measurement at CMS****Speaker**

Lara Lloret Iglesias

**Search for Single-Top Production in ep Collisions at HERA**

**Speaker**

Dr Katarzyna Wichmann

**Search for Standard Model Higgs boson decaying into 4 leptons with CMS detector****Speaker**

Dr Christian Veelken

**Search for a Heavy Exotic partner of the top quark with charge 5/3****Speaker**

Ms Saptaparna Bhattacharya

**Search for charged long-lived heavy particles with the ATLAS experiment at the LHC****Speaker**

Dr Elisa Guido

**Search for exotic VZ resonances decaying into a jet and dileptons with CMS****Speaker**

Ms Flavia De Almeida Dias

**Search for large extra dimensions in dielectron events in pp collisions at  $\sqrt{s} = 7$  TeV at CMS****Speaker**

Mr Seyed Mohsen Etesami

**Search for muon to electron conversion at J-PARC****Speaker**

Prof. Yoshitaka Kuno

**Search for supersymmetry in events with a Z boson, jets and missing energy using the JZB method****Speaker**

Marco Andrea Buchmann

**Search for violation of Lorentz invariance in top quark pair production and decay****Speaker**

Physics Coordinators D0

**Searches for vector-like quarks****Speaker**

Prof. Kai-Feng Chen

**Should we still believe in constrained supersymmetry?****Speaker**

Mr Benjamin Farmer

**Single top production from diquark resonance at the LHC****Speaker**

Prof. Satyanarayan Nandi

**Structure function with higher twist contribution in the thermodynamical Bag Model**

**Speaker**

Dr Krishna Kumar Singh

**Tau reconstruction and identification at CMS****Speaker**

Mr Raman Khurana

**Tau-lepton Charge asymmetry at the LHC: A probe to new physics models****Speaker**

Dr Sudhir Kumar Gupta

**Tetraquark-based analysis and predictions of the cross sections and distributions for the processes  $e^+ e^- \rightarrow$  Upsilon(1S) ( $\pi^+ \pi^-$ ,  $K^+ K^-$ ,  $\eta \pi^0$ ) near Upsilon(5S)****Speaker**

Dr Satoshi Mishima

**The ATLAS Muon Trigger Performance in pp collisions****Speaker**

Dr Takashi Kubota

**The ATLAS Tau Reconstruction and Identification Algorithms and Performance at ATLAS****Speaker**

Mr Kong Guan Tan

**The ATLAS hadronic tau trigger****Speaker**

Mr Curtis William Black

**The large-angle photon veto system for the NA62 experiment at CERN****Speaker**

Cristina Biino

**The light pseudoscalar meson transition form factor****Speaker**

Dr Chong Chung Lih

**Universality of soft hadron spectra in pp and  $e^+e^-$  collisions****Speaker**

Mrs Olga Driga

**Static Gravitational Fields at Finite Temperature****Speaker**

Dr Fernando T Brandt

**MINERvA: CC Inclusive Cross Section Ratio****Speaker**

Dr Heather Ray

**Production of the heaviest charged Higgs boson in 3-3-1 models****Speaker**

Dr Fredy Ochoa

**Antineutrino Detector for On-Line Monitoring of Nuclear Reactor Parameters and search for short range neutrino oscillations****Speaker**

Prof. Mikhail Danilov

**Automatic Lagrangian Generation****Speaker**

Dr Nicholas Setzer

**B to Kstar and Bs to phi form factors at low recoil from lattice QCD****Speaker**

Dr Matthew Wingate

**Boost-invariant Leptonic Observables and Reconstruction of Parent Particle Mass****Speaker**

Dr Yasuhiro Shimizu

**Dark Energy Field Evolution and Masses of Objects formed by the Gravitational Collapse of Dark Energy Field Configurations****Speaker**

Anupam Singh

**Development of very low threshold detection system for low-background experiments****Speaker**

Dr Ivan Alexandrov

**Electroweak corrections for W/Z+ n jet production****Speaker**

Dr Sascha Turczyk

**Electroweak corrections to vector-boson + jet production at the LHC****Speaker**

Dr Tobias Kasprzik

**Evidence for a pion condensate formation in pp interactions at U-70****Speaker**

Dr Elena Kokoulina

**Finding Stop with Azimuthal angle in 2jet+MET at the LHC****Speaker**

Dr Doyoun Kim

**Forward Calorimeters Test Beam Results for Future Linear Colliders****Speaker**

Ms Olga Novgorodova

**Galactic Dark Matter in the Phantom Dark Energy Background****Speaker**

Mr Ming-Hsun Li

**Global fits of the unitarity triangle and search for new physics in pseudoscalar-pseudoscalar final states**

**Speaker**

Prof. Eigen Gerald

**Heavy  $QQ(\bar{b})$  "Fireball" Annihilation to Multi-Vector Bosons**

**Speaker**

Prof. George W.-S. Hou

**Higgs boson coupling measurements at the LHC using  $H \rightarrow \tau\tau$  decays.**

**Speaker**

Dr Sinead Farrington

**Identification of b-quark jets in the CMS experiment**

**Speaker**

Prof. Sudhir Malik

19:00