

## **Session Program**

**4-11 Jul 2012**



## **ICHEP2012**

### ***TR 6 - RM 217 - QCD, Jets, Parton Distributions***

Melbourne Convention and Exhibition Centre  
Melbourne Australia

# Thursday 5 July

09:00

## TR 6 - RM 217 - QCD, Jets, Parton Distributions

**Session** | **Location:** Melbourne Convention and Exhibition Centre, Room 219, Melbourne Australia

09:00–09:15

### Measurement and QCD Analysis Deep-Inelastic Scattering at HERA.

#### Speaker

Mr Zhiqing Philippe Zhang

09:15–09:30

### High Q<sup>2</sup> Neutral Current new results from ZEUS

09:30–09:45

### HERAPDF

#### Speaker

Dr Ringaile Placakyte

09:45–10:00

### Momentum space dipole amplitude for DIS and inclusive hadron production

#### Speaker

Prof. M. Beatriz Gay Ducati

10:00–10:15

### New results on the 3-loop Heavy Flavor Wilson Coefficients in Deep-Inelastic Scattering

#### Speaker

Dr Abilio De Freitas

10:15–10:30

### Partons, QCD and Low x Physics at the Large Hadron electron Collider (LHeC Study Group)

#### Speaker

Prof. Claudia Beatriz Glasman Kuguel

10:30–11:00

### Refreshment Break

11:00–11:15

### Measurements of differential cross sections for W+jets and for multijet production and determination of the strong coupling constant in ppbar collisions at $\sqrt{s}=1.96$ TeV

#### Speaker

Prof. Michael Strauss

11:15–11:30

### Z+Jets results from CDF

#### Speaker

Dr Konstantinos Vellidis

11:30–11:45

### Measurements with electroweak gauge bosons at LHCb

#### Speaker

Dr Jonathan Anderson

11:45–12:00

**ATLAS measurements of jets and heavy flavour produced in association with W and Z bosons****Speaker**

Prof. Pierre-Hugues Beauchemin

12:00–12:15

**Jet production in association with vector bosons****Speaker**

Dr Piergiulio Lenzi

12:15–12:30

**QCD studies with W and Z cross sections measured in ATLAS****Speaker**

Dr Maarten Boonekamp

12:30–14:00

**Lunch Break**

14:00–14:15

**Jet Physics at HERA**

14:15–14:30

**Transverse Energy Energy Correlations in Next-to-Leading Order in  $\alpha_s$  at the LHC****Speaker**

Prof. Ahmed Ali

14:30–14:45

**ATLAS jet measurements, and subjet structure for boosted hadronic objects****Speaker**

Mr Bertrand Chapleau

14:45–15:00

**Jet Measurements in CMS****Speaker**

Mr Sanmay Ganguly

15:00–15:15

**Particle production in DIS at HERA****Speaker**

Dr Anastasia Grebenyuk

15:15–15:30

**The Energy Dependence of the Underlying Event in Hadron-Hadron Collisions****Speaker**

Prof. Richard Dryden Field

15:30–16:00

**Refreshment Break**

16:00–16:15

**Multi-jet matching of parton showers to NLO****Speaker**

Prof. Leif Ingvar Lönnblad

16:15–16:30

**NLO Vector+Jets Predictions with BlackHat & Sherpa****Speaker**

Dr David Kosower

16:30–16:45

**Interplay of IR-Improved DGLAP-CS Theory and NLO Parton Shower MC Precision****Speaker**

Prof. Bennie Ward

16:45–17:00

**MBR Monte Carlo Simulation in PYTHIA8****Speaker**

Dr Robert Ciesielski

17:00–17:15

**A rigorous assessment of intrinsic accuracies and uncertainties of NLO+PS matching methods****Speaker**

Dr Marek Schoenherr

17:15–17:30

**NLO Assistance to LHC Searches with Complex Final States using BlackHat and Sherpa****Speaker**

Prof. Lance Dixon

17:30–18:00

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18:00