

## **Session Program**

**Jul 22 - 28, 2010**



## **ICHEP 2010**

### ***03 - Perturbative QCD, Jets and Diffractive Physics***

Palais des Congrès de Paris  
2 place de la Porte Maillot Paris 17

## Fri, July 23

9:00 AM

### 03 - Perturbative QCD, Jets and Diffractive Physics

**Session** | **Location:** Salle 252B | **Convener:** Gudrun Heinrich

9:00 - 9:25 AM **Monte Carlo tools for the LHC**

**Speaker**

Frank Krauss

9:30 - 9:47 AM **Multi-jet merging with NLO matrix elements**

**Speaker**

Frank Siegert

9:50 - 10:07 AM

**Monte Carlo modelling of NLO DGLAP QCD Evolution in the fully unintegrated form**

**Speaker**

Aleksander Kusina

10:10 - 10:27 AM

**HERWIRI1.031: New Approach to Parton Shower MC's in Precision QCD Theory**

**Speaker**

Prof. Bennie Ward

10:30 AM

11:00 AM

### 03 - Perturbative QCD, Jets and Diffractive Physics

**Session** | **Location:** Salle 252B | **Convener:** Leszek Motyka

11:00 - 11:17 AM **Probing the theoretical description of central exclusive production**

**Speaker**

Dr tim coughlin

11:20 - 11:45 AM **Exclusive Processes at HERA**

**Speaker**

Armen Bunyatyan

11:50 AM - 12:07 PM

**Exclusive processes beyond leading twist:  $\gamma^*T \rightarrow \rho T$  impact factor with twist three accuracy**

**Speaker**

Lech Szymanowski

12:10 - 12:27 PM **Exclusive Higgs production at the LHC**

**Speaker**

Royon Christophe

12:30 PM

2:00 PM

### 03 - Perturbative QCD, Jets and Diffractive Physics

**Session** | **Location:** Salle 242B | **Convener:** Leszek Motyka

2:00 - 2:15 PM **High-energy amplitudes in the next-to-leading order**

**Speaker**

Prof. Ian Balitsky

2:17 - 2:35 PM **Inclusive Diffraction at HERA****Speaker**

Paul Richard Newman

2:37 - 2:52 PM **First complete NLL BFKL calculation of Mueller Navelet jets at LHC****Speaker**

Samuel Wallon

2:54 - 3:09 PM **Forward jets and energy flow in hadron-hadron collisions****Speaker**

Francesco Hautmann

3:11 - 3:26 PM

**Characteristics and Estimates of Double Parton Scattering at the Large Hadron Collider****Speaker**

Dr Edmond Berger

3:28 - 3:43 PM **Hard diffractive scattering from soft color screening effects****Speaker**

Dr Roman Pasechnik

3:45 PM

4:15 PM

**03 - Perturbative QCD, Jets and Diffractive Physics**

Session | Location: Salle 242B | Convener: Gudrun Heinrich

4:15 - 4:32 PM **Status of Higher Order QCD calculations****Speaker**

Aude Gehrmann-De Ridder

4:35 - 4:50 PM

**Higgs boson production at LHC to NNLO accuracy and finite top quark mass effects****Speaker**

Prof. Matthias Steinhauser

4:52 - 5:07 PM **NLO QCD corrections to  $pp \rightarrow t \text{ anti-}t b \text{ anti-}b$** **Speaker**

Prof. Stefan Dittmaier

5:09 - 5:24 PM **Top-Antitop Production at Hadron Colliders****Speaker**

Roberto Bonciani

5:26 - 5:41 PM **NNLL resummation for QCD cross sections****Speaker**

Prof. Nikolaos Kidonakis

5:43 - 5:58 PM

**Adler Function, DIS sum rules and the Crewther Relation in order  $\alpha_s^4$**

6:00 PM

**Speaker**

Dr Konstantin Chetyrkin

## Sat, July 24

9:00 AM

### 03 - Perturbative QCD, Jets and Diffractive Physics

**Session** | **Location:** Salle 252B | **Convener:** Laurent SCHOEFFEL

9:00 - 9:17 AM **Direct photon production with effective field theory**

**Speaker**

Thomas Becher

9:20 - 9:37 AM **Direct Photons at HERA**

**Speaker**

Juan Terron

9:40 - 9:57 AM **Direct Photon Results from Tevatron**

**Speaker**

Konstantinos Vellidis

10:00 - 10:13 AM **Isolated Photons at CMS**

**Speaker**

Dr Rong-Shyang Lu

10:15 - 10:28 AM **Evidence of prompt isolated photons with the ATLAS detector**

**Speaker**

Junji Tojo

10:30 AM

11:00 AM

### 03 - Perturbative QCD, Jets and Diffractive Physics

**Session** | **Location:** Salle 252B | **Convener:** Laurent SCHOEFFEL

11:00 - 11:17 AM **Soft QCD results from the D0 experiment**

**Speaker**

Gilvan Augusto Alves

11:20 - 11:37 AM **Soft QCD Results from CDF**

**Speaker**

Christina Mesropian

11:40 AM - 12:00 PM **Underlying Event Studies and Forward Physics at CMS**

**Speaker**

Dr Paolo Bartalini

12:05 - 12:25 PM

**Underlying Event studies and Monte Carlo tunes for inelastic pp events with the ATLAS detector**

**Speaker**

Emily Nurse

12:30 PM

2:00 PM

### 03 - Perturbative QCD, Jets and Diffractive Physics

**Session** | **Location:** Salle 252B | **Convener:** Nikos Varelas

2:00 - 2:25 PM **Jet physics at HERA**

**Speaker**

Claudia Glasman

2:30 - 2:55 PM **Jet Physics at Tevatron**

**Speaker**

Royon Christophe

3:00 - 3:17 PM

**Inclusive jet production cross-section and kinematics in proton-proton collisions at  $\sqrt{s} = 7$  TeV with the ATLAS detector**

**Speaker**

Tancredi Carli

3:20 - 3:37 PM

**Studies of QCD jet production with the CMS detector in pp Collisions at  $\sqrt{s} = 7$  TeV**

**Speaker**

Mikko Voutilainen

3:45 PM

4:15 PM

### 03 - Perturbative QCD, Jets and Diffractive Physics

**Session** | **Location:** Salle 252B | **Convener:** Nikos Varelas

4:15 - 4:35 PM **W/Z + Multi-Jet Production at the LHC**

**Speaker**

David Kosower

4:40 - 5:00 PM **W/Z+jets Results from D0**

**Speaker**

Dr Avto Kharchilava

5:05 - 5:25 PM **W/Z+Jets Results from CDF**

**Speaker**

Stefano Camarda

5:30 - 5:50 PM **Precision DIS Measurements at HERA**

**Speaker**

Dr Burkard Reiser

6:00 PM