

Session Program

Jul 22 - 28, 2010



ICHEP 2010

10 - Beyond the Standard Model (theory and experimental searches)

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

Fri, July 23

9:00 AM

10 - Beyond the Standard Model (theory and experimental searches)

Session | **Location:** Salle 242B | **Convener:** Sacha Davidson

9:00 – 9:20 AM

A Review of the Mass Measurement Techniques proposed for the Large Hadron Collider

Speaker

Dr Christopher Gorham Lester

9:25 – 9:40 AM

Early LHC data preparations for beyond-the-standard-model searches at CMS

Speaker

Didar Dobur

9:45 – 10:00 AM

Z' discovery potential at the LHC in the minimal B-L model

Speaker

Lorenzo Basso

10:05 – 10:20 AM

Early Searches with Leptons and Photons with the ATLAS Detector at the LHC

Speaker

Dr Dominique Fortin

10:30 AM

11:00 AM

10 - Beyond the Standard Model (theory and experimental searches)

Session | **Location:** Salle 242B | **Convener:** Christopher Hill

11:00 – 11:10 AM

Spin determination of single-produced resonances at the LHC

Speaker

Mr Nhan Viet Tran

11:15 – 11:25 AM

Search for Color Sextet Scalars in Early LHC Experiments

Speaker

Dr Edmond Berger

11:30 – 11:45 AM

Search for stopped gluinos and Heavy Stable Charged Particles at CMS in pp collisions at $\sqrt{s}=7$ TeV

Speaker

Jim Brooke

11:50 AM – 12:05 PM

Searches for Exotic Long-lived Particles using Early Data from the ATLAS Detector at the LHC

Speaker

Dr Pasquale-Fabrizio Salvatore

12:30 PM

12:10 - 12:25 PM

Impact of squark generation mixing on the search for squarks and gluinos at LHC**Speaker**

Prof. Keisho HIDAHA

2:00 PM

10 - Beyond the Standard Model (theory and experimental searches)**Session** | **Location:** Salle Maillot | **Convener:** Christopher Hill

2:00 - 2:15 PM

Supermodels: Early new physics at the LHC?**Speaker**

Zoltan Ligeti

2:20 - 2:35 PM

Early Searches with Jets with the ATLAS Detector at the LHC**Speaker**

Dr Georgios Choudalakis

2:40 - 2:55 PM

Search for new Physics in the dijet mass spectrum and dijet ratio in pp Collisions at $\sqrt{s} = 7$ TeV**Speaker**

Konstantinos Kousouris

3:00 - 3:15 PM

Effective operators in top physics**Speaker**

Juan Antonio Aguilar Saavedra

3:20 - 3:35 PM

Search for T-Tbar Resonances at the Tevatron**Speaker**

Nathan Goldschmidt

3:45 PM

4:15 PM

10 - Beyond the Standard Model (theory and experimental searches)**Session** | **Location:** Salle Maillot | **Convener:** Robert Roser

4:15 - 4:30 PM

Searches for Massive T' quark decaying to $W + b$ at the Tevatron**Speaker**

Alison Lister

4:35 - 4:50 PM

Model independent analysis of the forward-backward asymmetry of top quark production at the Tevatron**Speaker**

Prof. Pyungwon Ko

4:55 - 5:10 PM

Search for Same Sign Charge Dilepton Events and WZ resonances at the Tevatron**Speaker**

Dr Adam Lyon

5:15 - 5:30 PM

The global electroweak fit and constraints on new physics**Speaker**

Dörthe Ludwig

5:35 - 5:50 PM

Possible early signs of warped space at the LHC

Speaker

Amarjit Soni

6:00 PM

Sat, July 24

9:00 AM

10 - Beyond the Standard Model (theory and experimental searches)

Session | Location: Salle 242B | Convener: Sacha Davidson

9:00 - 9:15 AM **Recent Progress in SUSY GUTs**

Speaker

Prof. Kaladi Babu

9:20 - 9:35 AM **Search for Nucleon Decays in Super-Kamiokande**

Speaker

Makoto Miura

9:40 - 9:50 AM

Geometrical Origin of CP Violation and CKM and MNS Matrices in $SU(5) \times T'$

Speaker

Prof. Kalyana Mahanthappa

10:10 - 10:25 AM **The Search for New Physics at HERA**

Speaker

Gerhard Immanuel Brandt

10:30 AM

11:00 AM

10 - Beyond the Standard Model (theory and experimental searches)

Session | Location: Salle 242B | Convener: Tony Gherghetta

11:00 - 11:15 AM **Fermion mass hierarchy and new physics at the TeV scale**

Speaker

Prof. Satyanarayan Nandi

11:20 - 11:35 AM **Searches for New Physics at the B-Factories**

Speaker

Swagato Banerjee

11:40 - 11:55 AM

Can the Supersymmetric Flavour Problem decouple in case of a Non Standard Supersymmetric Spectrum?

Speaker

Dr Paolo Lodone

12:00 - 12:15 PM

Search for Supersymmetry and R-Parity violating Supersymmetry at the Tevatron

Speaker

Eva Halkiadakis

12:30 PM

2:00 PM

10 - Beyond the Standard Model (theory and experimental searches)

Session | Location: Salle 242B | Convener: Tony Gherghetta

2:00 - 2:15 PM

Signature based Searches for new physics involving photons at the Tevatron**Speaker**

Robert Blair

2:20 - 2:35 PM

Vanishing Dimensions and Planar Events at the LHC**Speaker**

Greg Landsberg

2:40 - 2:55 PM

Search for Leptoquarks and Technicolor at the Tevatron**Speaker**

Gerald Grenier

3:00 - 3:15 PM

Hidden fine tuning in the quark sector of little higgs models**Speaker**

Prof. Benjamin Grinstein

3:20 - 3:35 PM

Searches for W' and b' at the Tevatron**Speaker**

Luca Scodellaro

3:45 PM

4:15 PM

10 - Beyond the Standard Model (theory and experimental searches)

Session | Location: Salle 242B | Convener: Robert Roser

4:15 - 4:30 PM

Search for Massive Long Lived Particles, quirks, and potential valleys at the Tevatron**Speaker**

Yunhe Xie

4:35 - 4:50 PM

Non-universal, Non-anomalous $U(1)'$ in a Model with Anomaly-Mediated SUSY Breaking**Speaker**

Prof. Mu-Chun Chen

4:55 - 5:10 PM

Searches for Gauge Mediated Supersymmetry at the Tevatron**Speaker**

Dr Pierre Lutz

5:15 - 5:30 PM

Dirac Neutralinos and Electroweak Scalar Bosons of $N=1/N=2$ Hybrid Supersymmetry at Colliders**Speaker**

Jan Kalinowski

5:35 - 5:50 PM

Di-photon, and Di-lepton Searches at the Tevatron

6:00 PM

Speaker

Dr Christopher Hays