

Session Program

22-28 Jul 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

Friday 23 July

09:00

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

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

09:00–09:20

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

Speaker

Dr Christopher Gorham Lester

09:25–09:40

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

Speaker

Didar Dobur

09:45–10:00

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

Speaker

Lorenzo Basso

10:05–10:20

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

Speaker

Dr Dominique Fortin

10:30

11:00

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

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

11:00–11:10

Spin determination of single-produced resonances at the LHC

Speaker

Mr Nhan Viet Tran

11:15–11:25

Search for Color Sextet Scalars in Early LHC Experiments

Speaker

Dr Edmond Berger

11:30–11:45

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

Speaker

Jim Brooke

11:50–12:05

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

Speaker

Dr Pasquale-Fabrizio Salvatore

12:10–12:25

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

Prof. Keisho HIDAHA

12:30

14:00

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

14:00–14:15

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

Zoltan Ligeti

14:20–14:35

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

Dr Georgios Choudalakis

14:40–14:55

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

Konstantinos Kousouris

15:00–15:15

Effective operators in top physics**Speaker**

Juan Antonio Aguilar Saavedra

15:20–15:35

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

Nathan Goldschmidt

15:45

16:15

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

16:15–16:30

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

Alison Lister

16:35–16:50

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

Prof. Pyungwon Ko

16:55–17:10

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

Dr Adam Lyon

17:15–17:30

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

Dörthe Ludwig

18:00

17:35-17:50

Possible early signs of warped space at the LHC

Speaker

Amarjit Soni

Saturday 24 July

09:00

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

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

09:00–09:15 **Recent Progress in SUSY GUTs**

Speaker

Prof. Kaladi Babu

09:20–09:35 **Search for Nucleon Decays in Super-Kamiokande**

Speaker

Makoto Miura

09:40–09:50

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

Speaker

Prof. Kalyana Mahanthappa

10:10–10:25 **The Search for New Physics at HERA**

Speaker

Gerhard Immanuel Brandt

10:30

11:00

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

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

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

Speaker

Prof. Satyanarayan Nandi

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

Speaker

Swagato Banerjee

11:40–11:55

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

Speaker

Dr Paolo Lodone

12:00–12:15

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

Speaker

Eva Halkiadakis

12:30

14:00

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

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

14:00–14:15

Signature based Searches for new physics involving photons at the Tevatron

Speaker
Robert Blair

14:20–14:35 **Vanishing Dimensions and Planar Events at the LHC**

Speaker
Greg Landsberg

14:40–14:55 **Search for Leptoquarks and Technicolor at the Tevatron**

Speaker
Gerald Grenier

15:00–15:15 **Hidden fine tuning in the quark sector of little higgs models**

Speaker
Prof. Benjamin Grinstein

15:20–15:35 **Searches for W' and b' at the Tevatron**

Speaker
Luca Scodellaro

15:45

16:15

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

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

16:15–16:30

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

Speaker
Yunhe Xie

16:35–16:50

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

Speaker
Prof. Mu-Chun Chen

16:55–17:10 **Searches for Gauge Mediated Supersymmetry at the Tevatron**

Speaker
Dr Pierre Lutz

17:15–17:30

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

Speaker
Jan Kalinowski

17:35–17:50 **Di-photon, and Di-lepton Searches at the Tevatron**

Speaker
Dr Christopher Hays

18:00