

## **Session Program**

**22-26 Apr 2013**



# **XXI International Workshop on Deep-Inelastic Scattering and Related Subjects**

## ***WG3: Electroweak and Searches***

Marseille, Parc Chanot, Palais des Congrès  
Rond Point du Prado 13006 Marseille, France

## Tuesday 23 April

08:30

### WG3: Electroweak and Searches: Higgs, part #1 // Di-Bosons

**Session** | **Location:** Palais des Congrès, Endoume 1 | **Conveners:** Alessandro Vicini, Alexander Oh, Markus Stoye

08:30–08:50

#### Measurements of properties of the Higgs-like Particle at 125 GeV by the CMS collaboration

**Speaker**

Sabino Meola

08:50–09:10

#### Study of Higgs Production in Bosonic Decay Channels at CMS

**Speaker**

Andre Georg Holzner

09:10–09:30

#### Study of Higgs Production in Fermionic Decay Channels at CMS

**Speaker**

Somnath Choudhury

09:30–09:50

#### Higgs boson properties from hadron colliders experiments

**Speaker**

Pier Paolo Giardino

09:50–10:10

#### Combined search for the SM Higgs Boson at D0

**Speaker**

James Alexander Kraus

10:30–11:00

#### Coffee break

11:00–11:20

#### Measurement of $Wg/Zg$ production at ATLAS and associated constraints on new physics

**Speaker**

Dr Zhijun Liang

11:20–11:40

#### Measurement of $WW$ , $WZ$ and $ZZ$ production at ATLAS and limits on anomalous triple-gauge-boson couplings

**Speaker**

Martin Zeman

11:40–12:00

#### Measurement of $WW$ and $WZ$ production with one vector boson decaying hadronically at ATLAS

**Speaker**

Brian Edward Lindquist

12:00–12:20

#### Vector boson + jets measurements at CMS

**Speaker**

Tristan Arnoldus Du Pree

12:20–12:40

**Measurements of WW and ZZ production and anomalous trilinear gauge couplings with the D0 detector****Speaker**

James Alexander Kraus

12:40

14:00

**WG3: Electroweak and Searches: Higgs, part #2 // SUSY****Session** | **Location:** Palais des Congrès, Endoume 1

14:00–14:20

**Searches for low-mass Higgs and dark bosons at BaBar****Speaker**

Luis Alejandro Perez Perez

14:20–14:40

**Higgs boson and Top quark masses as tests of Electroweak Vacuum Stability****Speaker**

Isabella Masina

14:40–15:00

**Limits on neutral Higgs production in the forward region in pp collisions at  $\sqrt{s}=7$  TeV****Speaker**

Philip James Ilten

15:00–15:20

**Searches for Exotic Higgs decays in CMS****Speaker**

Adrian Perieanu

15:20–15:40

**Searches for electroweak production of supersymmetric gauginos and sleptons with the ATLAS detector****Speaker**

Marco Agostoni

15:40–16:00

**Searches with multilepton final states****Speaker**

Peter Thomassen

16:00–16:30

**Coffee break**

16:30–16:50

**Search for stop and sbottom pair production at the LHC using the CMS detector****Speaker**

Loukas Gouskos

16:50–17:10

**Searches for direct pair production of third generation squarks with the ATLAS detector**

**Speaker**

Priscilla Pani

17:10–17:30

**Inclusive searches for squarks and gluinos with the ATLAS detector****Speaker**

Elena Romero Adam

17:30–17:50

**Searches for gluino-mediated production of third generation squarks with the ATLAS detector****Speaker**

Carolina Deluca

17:50–18:10

**Searches for supersymmetry in resonance production, R-parity violating signatures and events with long-lived particles with the ATLAS detector****Speaker**

Matthew King

18:10–18:30

**Search for Quarks and Gluinos in events with missing transverse momentum****Speakers**

Mr Robert Schoefbeck, Robert Schoefbeck

19:10

## Wednesday 24 April

14:00

### WG3: Electroweak and Searches: BSM searches, part #1

**Session** | **Location:** Palais des Congrès, Sormiou

14:00–14:20

#### Search for First-Generation Leptoquarks at HERA

**Speaker**

Katarzyna Wichmann

14:20–14:40

#### Search for heavy resonances with the ATLAS detector

**Speaker**

Simone Zimmermann

14:40–15:00

#### Search for resonant diboson production with the ATLAS detector

**Speaker**

Mr Peter Vladimir Loscutoff

15:00–15:20

#### Searches for long-lived particles and lepton-jets with the ATLAS detector

**Speaker**

Preema Rennee Pais

15:20–15:40

#### Searches for monojets and monophotons with the ATLAS detector

**Speaker**

Roger Caminal Armadans

15:40–16:00

#### Searches for vector-like quarks and $t\bar{t}$ resonances with the ATLAS detector

**Speaker**

Jordan S Webster

16:00

## Thursday 25 April

08:30

### WG3: Electroweak and Searches: BSM searches, part #2 // Electroweak precision measurements

**Session** | **Location:** Palais des Congrès, Sormiou | **Conveners:** Alessandro Vicini, Alexander Oh, Markus Stoye

08:30–08:50

#### Searches for new Physics in events with multiple leptons with the ATLAS detector

##### Speaker

David Ren-Hwa Yu

08:50–09:10

#### Searches for new physics with leptons and/or jets at CMS

##### Speaker

Carl Vuosalo

09:10–09:30

#### Search for new physics in lepton + MET final states

##### Speaker

Philipp Millet

09:30–09:50

#### Searches for new heavy resonances and large extra dimensions at CMS

##### Speaker

Stefan Antonius Schmitz

09:50–10:10

#### W' and Z' searches at the LHC

##### Speaker

Dr Elena Accomando

10:10–10:30

#### Lepton flavour universality and lepton flavour conservation tests in kaon decays at CERN, Measurement of the ratio of charged kaon leptonic decay rates prospects for forbidden kaon and pion decay modes

##### Speakers

Sergey Podolsky, Siarhei Padolski

10:30–11:00

#### Coffee break

11:00–11:20

#### EW precision measurements at the LHC: theory review

##### Speaker

Luca Barze

11:20–11:40

#### Measurement of the forward-backward asymmetry in NC DY process with ATLAS

##### Speaker

Regina Caputo

11:40–12:00

#### Measurements of the W boson mass and muon charge asymmetry with the D0 detector

**Speaker**

Breese Quinn

12:00–12:20

**The resummation of the low-phistar domain of Z production****Speaker**

Lee Tomlinson

12:20–12:40

**Measurement of the Z boson transverse momentum: direct and using  $\phi^*$  variable with ATLAS****Speaker**

Elena Yatsenko

12:40