

Session Program

16-21 Sept 2013



XXIV Workshop on Weak Interactions and Neutrinos - WIN'13

Working Group 1

Natal, Brazil
Natal, Brazil

Tuesday 17 September

11:00

Working Group 1: Electroweak Symmetry Breaking

Session | **Location:** Hotel Pestana, Sala Praia Bela A | **Conveners:**
Pietro Govoni, Prof. Eduardo Pontón, Sara Bolognesi, Marcela Carena

11:00–11:30 **Scalar Couplings Measurements of the 126 resonance at CMS**

Speaker
Stefano Casasso

11:30–12:00

Measurements of the Higgs Boson Main Coupling Properties using the ATLAS Detector

Speaker
Stefan Gadatsch

12:00–12:30 **Searches for Higgs and Higgs-like particles at LHCb**

Speaker
Valdir Salustino Guimaraes

12:30

15:00

Working Group 1: Electroweak Symmetry Breaking

Session | **Location:** Hotel Pestana, Sala Praia Bela A | **Conveners:**
Pietro Govoni, Marcela Carena, Prof. Eduardo Pontón, Sara Bolognesi

15:00–15:40 **Composite Two Higgs doublet Models**

Speaker
Dr Enrico Bertuzzo

15:40–16:20

An 3HDM with S_3 symmetry, dark matter and two inert doublets without FCNC

Speaker
Dr Ana Machado

16:20–17:00 **Is the 125 GeV scalar the neutrino superpartner?**

Speaker
Dr Carla Biggio

17:00

17:30

Working Group 1: Electroweak Symmetry Breaking

Session | **Location:** Hotel Pestana, Sala Praia Bela A | **Conveners:**
Marcela Carena, Pietro Govoni, Prof. Eduardo Pontón, Sara Bolognesi

17:30–18:10

Search for the Higgs boson in $VH(bb)$ and in the tau tau channel using the ATLAS detector

Speaker
Garoe Gonzalez Parra

18:10–18:50

Probing the spin and parity of the Higgs Boson with the ATLAS Detector

Speaker
Manuela Venturi

18:50–19:30 **Spin-parity measurements of the 126 resonance at CMS**

Speaker
Kalanand Mishra

19:30

Thursday 19 September

09:00

Working Group 1: Electroweak Symmetry Breaking

Session | **Location:** Hotel Pestana, Sala Praia Bela B | **Conveners:**
Sara Bolognesi, Pietro Govoni, Prof. Eduardo Pontón, Marcela Carena

09:30–10:00

Search for additional higgs-like resonances with heavy masses at CMS

Speaker

Daniel Dominguez Vazquez

10:00–10:30

Non-decoupling SUSY in LFV Higgs decays: a window to high m_{SUSY} at the LHC

Speaker

Ernesto Arganda

10:30

15:00

Working Group 1: Electroweak Symmetry Breaking

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Marcela Carena, Sara Bolognesi, Pietro Govoni, Prof. Eduardo Pontón

15:00–15:40

Linking Natural Supersymmetry to Flavour Physics

Speaker

Gero Gersdorff

15:40–16:20

Searches for BSM Higgs signatures at CMS

Speaker

Dr Gianni Masetti

17:00

17:30

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17:30–18:10

Including theoretical uncertainties in Higgs fits

Speaker

Dr Sylvain Fichet

18:10–18:50

Multiboson production and searches for anomalous gauge couplings at CMS

Speaker

Qiang Li

18:50–19:30

Measurement of multi-boson production and limits on anomalous gauge boson couplings

Speaker

Stephen Grahame Cole

19:30

Friday 20 September

11:00

Working Group 1: Electroweak Symmetry Breaking

Session | **Location:** Hotel Pestana, Sala Praia Bela B | **Conveners:**
Prof. Eduardo Pontón, Marcela Carena, Pietro Govoni, Sara Bolognesi

11:00–11:40 **Going beyond the MSSM: dirac gauginos and R symmetry**

Speaker

Dr Claudia Frugiuale

11:40–12:20 **A Complete Model of Dirac Gauginos: Dynamics & Operator Analysis**

Speaker

Prof. Yuri Shirman

12:30