

Session Program

Jul 4 - 11, 2012



ICHEP2012

TR2 - Plenary 3 - Beyond the Standard Model - SUSY

Melbourne Convention and Exhibition Centre
Melbourne Australia

Thu, July 5

9:00 AM

TR2 - Plenary 3 - Beyond the Standard Model - SUSY

Session | **Location:** Melbourne Convention and Exhibition Centre, Plenary 3, Melbourne Australia

09:00 - 09:15 **NLO corrections to squark-squark production and decay at the LHC**

Speaker

Mr Davide Pagani

Location

Melbourne Convention and Exhibition Centre, Plenary 3

09:15 - 09:30 **Glino pair production at threshold**

Speaker

Dr Peter Marquard

Location

Melbourne Convention and Exhibition Centre, Plenary 3

09:30 - 09:45 **Inclusive searches for squarks and gluinos with the ATLAS detector**

Speaker

Mr Moritz Backes

Location

Melbourne Convention and Exhibition Centre, Plenary 3, Melbourne Australia

09:45 - 10:00 **Searches for SUSY in hadronic final states at CMS**

Speaker

Dr Seema Sharma

Location

Melbourne Convention and Exhibition Centre, Plenary 3, Melbourne Australia

10:00 - 10:15 **Searches for SUSY in final states with single leptons at CMS**

Speaker

Prof. Kajari Mazumdar

Location

Melbourne Convention and Exhibition Centre, Plenary 3, Melbourne Australia

10:15 - 10:30 **Searches for SUSY in events with two or more leptons at CMS**

Speaker

Dr Pablo Martinez Ruiz Del Arbol

Location

Melbourne Convention and Exhibition Centre, Plenary 3, Melbourne Australia

10:30 - 11:00 **Refreshment Break**

11:00 - 11:15

Search for Pair Production of the Scalar Top Quark in Mu+Tau Final States

Speaker

Dr James Alexander Kraus

Location

Melbourne Convention and Exhibition Centre, Plenary 3, Melbourne Australia

11:15 - 11:30**Searches for direct pair production of third generation squarks with the ATLAS detector****Speaker**

Dr Martin John White

Location

Melbourne Convention and Exhibition Centre, Plenary 3, Melbourne Australia

11:30 - 11:45**Searches for SUSY in events with third-generation particles at CMS****Speaker**

Dr Altan Cakir

Location

Melbourne Convention and Exhibition Centre, Plenary 3, Melbourne Australia

11:45 - 12:00**Searches for supersymmetry in events with photons or tau leptons and missing transverse momentum with the ATLAS detector****Speaker**

Mr Steffen Schaepe

Location

Melbourne Convention and Exhibition Centre, Plenary 3, Melbourne Australia

12:00 - 12:15**Search for Z+photon events with Large Missing Transverse Energy in ppbar Collisions at 1.96 TeV****Speaker**

Dr James Alexander Kraus

Location

Melbourne Convention and Exhibition Centre, Plenary 3, Melbourne Australia

12:15 - 12:30**Searches for SUSY in final states with photons at CMS****Speaker**

Prof. Mike Hildreth

Location

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12:30 - 12:45**New results using the razor at the LHC****Speaker**

Dr Will Reece

Location

Melbourne Convention and Exhibition Centre, Plenary 3, Melbourne Australia

12:45 - 14:00**Lunch Break****14:00 - 14:15****Interpretations of CMS SUSY analyses in the simplified model space (SMS)****Speaker**

Mr Christopher Rogan

Location

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14:15 - 14:30

Constrained Supersymmetry after two years of LHC data: a global view with Fittino**Speaker**

Dr Xavier Prudent

Location

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14:30 - 14:45

SUSY fits: Implications of LHC data on Constrained SUSY Models**Speaker**

Dr Albert De Roeck

Location

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14:45 - 15:00

Constraints from direct dark matter searches, rare decays and LHC limits on Supersymmetry**Speaker**

Prof. Dmitry Kazakov

Location

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15:00 - 15:15

Implications of LHC Higgs and SUSY searches for MSSM**Speaker**

Dr Nazila Mahmoudi

Location

Melbourne Convention and Exhibition Centre, Plenary 3, Melbourne Australia

15:15 - 15:30

Light stop phenomenology**Speaker**

Dr Jong Soo Kim

Location

Melbourne Convention and Exhibition Centre, Plenary 3, Melbourne Australia

15:30 - 16:00

Refreshment Break

16:00 - 16:15

Searches for supersymmetric gaugino production in final states with leptons with the ATLAS detector**Speaker**

Mr Tobias Kruker

Location

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16:15 - 16:30

One-loop effects on MSSM parameter determination via chargino production at the LC**Speaker**

Dr Aoife Bharucha

Location

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16:30 - 16:45 SUSY prospects for Linear Colliders in view of LHC results**Speaker**

Dr Jenny List

Location

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16:45 - 17:00 Exploring Supersymmetry with future e+e- Linear Colliders**Speaker**

Dr Taikan Suehara

Location

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17:00 - 17:15**Searches for supersymmetry in resonance production and R-parity violating signatures with the ATLAS detector****Speaker**

Mr Daniel Joseph Pomeroy

Location

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17:15 - 17:30**Search for Squarks in R-parity Violating Supersymmetry in ep Collisions at HERA****Speaker**

Dr Gerhard Immanuel Brandt

Location

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17:30 - 18:00**Location**

Melbourne Convention and Exhibition Centre, Plenary 3, Melbourne Australia

6:00 PM