

Session Program

23-29 Aug 2015

**SUSY 2015, 23rd International Conference on
Supersymmetry and Unification of
Fundamental Interactions**

SUSY/String Models

Lake Tahoe
725 Granlibakken Road, Tahoe City, California

Monday 24 August

14:30

SUSY/String Models

Session | **Location:** Alumni | **Convener:** Ralph Blumenhagen

14:30–14:50

New Calculations in Dirac Gaugino Models: Operators, Expansions, and Effects

Speaker

Jessica Goodman

14:50–15:10

Non universal gaugino mass models vis-a-vis LHC and Dark Matter

Speaker

Dr Soumya Rao

15:10–15:30

TeV Supersymmetry with Dynamical Axion Decay Constant

Speaker

Mr Raymond Co

15:30–15:50

PeV Scale Supersymmetric Neutrino Sector: neutrino masses, sterile neutrino dark matter, PeV neutrinos, and a 3.5 keV line

Speaker

Bibhushan Shakya

16:00

16:30

SUSY/String Models

Session | **Location:** Alumni | **Convener:** Ralph Blumenhagen

16:30–16:50

Radiative Breaking of the Minimal Supersymmetric Left-Right Model

Speaker

Nathan Papapietro

16:50–17:10

Susy and non-susy Trinification - A framework with radiatively broken symmetry

Speaker

Antonio Morais

18:00

Tuesday 25 August

14:30

SUSY/String Models

Session | **Location:** Alumni | **Convener:** Gordon Kane

14:30–14:50 **RPV from Discrete R Symmetries**

Speaker

Volodymyr Takhistov

14:50–15:10

Shifted focus point scenario from the minimal mixed mediation of SUSY breaking

Speaker

Prof. Bumseok Kyae

15:10–15:30

Light Fields and Flat Directions from Nonlinear Sigma Models in Supergravity

Speaker

John Kehayias

15:30–15:50

Aspects of dynamical supersymmetry breaking and its mediation on magnetized tori

Speaker

Hiroyuki Abe

16:00

16:30

SUSY/String Models

Session | **Location:** Alumni | **Convener:** Gordon Kane

16:30–16:50 **Z' limits and naturalness in $U(1)$ extended models**

Speaker

Dylan Harries

16:50–17:10

Gaugino mass in tree level R-symmetry breaking models

Speaker

Zheng Sun

17:10–17:30

SUSY $SU(3)_C \otimes SU(2)_L \otimes U(1)_{Y'} \otimes U(1)_{B-L}$ model with three identical right-handed neutrinos

Speaker

marcos cardoso rodriguez

17:30–17:50

Split Supersymmetry and Flat Directions

Speaker

Kin-Wang Ng

18:00

Thursday 27 August

14:00

SUSY/String Models

Session | **Location:** Alumni | **Convener:** Fernando Quevedo

14:00–14:30

Advances in smooth heterotic string theory

Speaker

james gray

14:30–14:50

The 2015+ Phenomenology of Deflected Mirage Mediation

Speaker

Todd Garon

14:50–15:10

Chern-Simons SUSY Breaking and the Little Hierarchy Problem

Speaker

Dr Yue Zhao

15:10–15:30

Chiral low-energy physics from squashed branes in deformed N=4 SYM

Speaker

Harold Steinacker

16:00

16:30

SUSY/String Models

Session | **Location:** Alumni | **Convener:** Fernando Quevedo

16:30–16:50

Gauged R-symmetry and deSitter vacua in supergravity

Speaker

Rob Knoop

16:50–17:10

Renormalization Group Equation and Dynamical Symmetry Breaking in a Supersymmetry Abelian Chern-Simons Model with Arbitrary Parameter of Gauge

Speaker

Mr Andres Quinto

18:00