

Session Program

23-27 Jul 2018



26th International Conference on Supersymmetry and Unification of Fundamental Interactions (SUSY2018)

Alternatives to Supersymmetry

Barcelona, Hotel Catalonia Plaza
Hotel Catalonia Plaza, Plaça Espanya, 6-8

Wednesday 25 July

14:30

Alternatives to Supersymmetry: Session 1

Session | **Location:** Plaza 1 | **Conveners:** Koji Terashi, Giuliano Panico

14:30–14:50 **General bounds on hidden CFTs**

Speaker

Mr Kevin Max

14:50–15:10

The fate of the Littlest Higgs Model with T-parity under 13 TeV LHC Data

Speaker

So Young Shim

15:10–15:30 **Common exotic decays of top partners**

Speaker

Thomas Flacke

15:30–15:50 **Search for vector-like quarks with the ATLAS Detector**

Speaker

Romain Madar

15:50–16:10 **Searches for Massive Vector-like Quarks at CMS**

Speaker

Alberto Orso Maria Iorio

16:10–16:30

Search for new resonances coupling to third generation quarks at CMS

Speaker

Robin Erbacher

16:30

17:00

Alternatives to Supersymmetry: Session 2

Session | **Location:** Plaza 1 | **Conveners:** Robin Erbacher, Koji Terashi

17:00–17:20 **Bileptons at LHC**

Speaker

Gennaro Corcella

17:20–17:40 **Searches for high-mass resonances in fully leptonic final states**

Speaker

Peter Johannes Falke

17:40–18:00

Searches for new phenomena in final states involving leptons and jets using the ATLAS detector

Speaker

Vincent Pascuzzi

18:00–18:20 **Searches for Vector-like Leptons in CMS**

Speaker

Maximilian Dieter Heindl

18:20–18:40

Dissecting Multi-Photon Resonances at the Large Hadron Collider

Speaker

Dr Abhishek Iyer

18:40

Thursday 26 July

14:30

Alternatives to Supersymmetry: Session 3

Session | **Location:** Plaza 1 | **Conveners:** Robin Erbacher, Giuliano Panico

14:30–14:50

Searches for heavy resonances decaying into Z, W and Higgs bosons at CMS

Speaker

Daniela Schafer

14:50–15:10

ATLAS Searches for Diboson Resonances

Speakers

Dr Gabriele Chiodini, Gabriele Chiodini

15:10–15:30

Searches with non-standard signatures with CMS

Speaker

Livia Soffi

15:30–15:50

Search for New Physics through the Reconstruction of Challenging Signatures with the ATLAS detector

Speaker

Shohei Shirabe

15:50–16:10

Bottom-quark Fusion Processes at the LHC for Probing Z' Models and B-meson Decay Anomalies

Speaker

Teruki Kamon

16:10–16:30

Collider phenomenology of Hidden Valley mediators of spin 0 or 1/2 with semivisible jets

Speaker

Giovanni Grilli di Cortona

16:30

17:00

Alternatives to Supersymmetry: Session 4

Session | **Location:** Plaza 1 | **Conveners:** Giuliano Panico, Hsin-Chia Cheng

17:00–17:20

Clockwork theory and phenomenology

Speaker

Dr Daniele Teresi

17:20–17:40

Color Unified Dynamical Axion

Speaker

Dr Rachel Houtz

17:40–18:00

B-L Miracle as gauged PQ symmetry

Speaker
Motoo Suzuki

18:00–18:20

A possible alternative mechanism to SUSY: conservative extensions of the Poincaré group

Speaker
Andras Laszlo

18:20–18:40 **Composite pNGB Dark Matter**

Speaker
Maximilian Ruhdorfer

18:40