Session Program

17–21 Jul 2023

SUSY 2023

Supergravity and Cosmology

University of Southampton Highfield Campus, Building 100, Highfield Campus
Website : https://www.southampton.ac.uk/student-life/campuses/highfield

Monday 17 July

16:00

Supergravity and Cosmology

Session | **Location:** B46/2005

16:00–16:20 **Dark energy and braneworlds**

Speaker
Ivano Basile

16:20–16:40 **Kination in String Theory**

Speaker
Filippo Revello

16:40–17:00
Investigating the Catalytic Effect on Metastable Vacuum Decay in String Theory

Speaker
Sohei Tsukahara

17:00–17:20 **Gauged D=4 N=4 Supergravity**

Speaker
Nikolaos Liatsos

17:20

17:40

Supergravity and Cosmology

Session | **Location:** B46/2005

17:40–18:00 **Early Dark Energy in Type IIB String Theory**

Speaker
Matteo Licheri

18:00–18:20 **Reviving Brane-Antibrane Inflation**

Speaker
Mario Ramos Hamud

18:20–18:40 **Inflection Point Inflation in SuperGravity**

Speaker
Wenbin Zhao

18:40–19:00 **Goldstino condensation**

Speaker
Fotis Farakos

19:00

Wednesday 19 July

16:00

Supergravity and Cosmology

Session | **Location:** B46/2005

16:00–16:20 **Top-down restrictions on scale-separation**

Speaker
Maxim Emelin

16:20–16:40 **AdS scale separation and the distance conjecture**

Speaker
Vincent Van Hemelryck

16:40–17:00 **Scale separation in AdS vacua and holography**

Speaker
Fien Apers

17:00–17:20 **Fake supersymmetry with tadpole potentials**

Speaker
Salvatore RAUCCI

17:20

17:40

Supergravity and Cosmology

Session | **Location:** B46/2005

17:40–18:00 **A Boltzmann equation approach to string thermodynamics**

Speaker
Gonzalo Villa

18:00–18:20
Gravitational Waves and Gravitino Mass in No-Scale SUGRA Wess-Zumino model with Polonyi Term

Speaker
Dr Miguel Crispim Romao

18:20–18:40
Large lepton asymmetry from Affleck-Dine leptogenesis and sterile neutrinos as dark matter

Speaker
Kentaro Kasai

18:40–19:00
MSSM-inflation revisited: Towards a coherent description of high-energy physics and cosmology

Speaker
Dr Gilbert MOULTAKA

19:00