

Session Program

24-28 Jun 2019

String Phenomenology 2019

Parallel Session

CERN, 500/1-001 - Main Auditorium

Tuesday 25 June

14:30

Parallel Session: 2A

Session | **Location:** CERN, 503/1-001 - Council Chamber

14:30–14:45 **Walls of Marginal Stability and the Swampland Distance Conjecture**

Speaker

Markus Dierigl

14:45–15:00

Testing the weak gravity conjecture in type I strings with broken supersymmetry

Speaker

Quentin Bonnefoy

15:00–15:15

The Swampland Distance Conjecture for Kähler moduli and emergence

Speaker

Pierre Corvilain

15:15–15:30

A Strong Scalar Weak Gravity Conjecture and Some Implications

Speaker

Eduardo Gonzalo

15:30–15:45

The Swampland Distance Conjecture and Towers of Tensionless Branes

Speaker

Alvaro Herrera

15:45–16:00

Swampland Distance Conjecture for One-Parameter Calabi-Yau Threefolds

Speaker

Abhinav Joshi

16:00

16:30

Parallel Session: 2B

Session | **Location:** CERN, 503/1-001 - Council Chamber

16:30–16:45 **Carving out the Swampland of 6D SCFTs**

Speaker

Florent Baume

16:45–17:00

A CICY scan for orientifolds

Speaker

Federico Carta

17:00–17:15

Fibers and 5d SCFTs

Speaker

Craig Lawrie

17:15–17:30

Yukawa Hierarchies in Global F-theory Models

Speaker

Ling Lin

17:30-17:45

F-theory on quotient elliptic threefolds

Speaker

Paul-Konstantin Oehlmann

17:45-18:00

T-branes in G2 backgrounds

Speaker

Gianluca Zoccarato

18:00

Thursday 27 June

14:30

Parallel Session: 2A

Session | **Location:** CERN, 503/1-001 - Council Chamber

14:30–14:45 **A Tower Weak Gravity Conjecture from Infrared Consistency**

Speaker
Stefano Andriolo

14:45–15:00

Supersymmetry Breaking Warped Throats and the Weak Gravity Conjecture

Speaker
Ginevra Buratti

15:00–15:15

Swampland Variations on a Theme by KKLT

Speaker
Daniel Klaeuer

15:15–15:30

(Mis-)aligned Winding in and applying Genetic Algorithms to Type IIB String Theory

Speaker
Andreas Schachner

15:30–15:45

Infinite Distances and the Axion Weak Gravity Conjecture

Speaker
Damian Van de Heisteeg

15:45–16:00

Instantons and Infinite Distances

Speaker
Max Wiesner

16:00

16:30

Parallel Session: 2B

Session | **Location:** CERN, 503/1-001 - Council Chamber

16:30–16:45 **Local Heterotic Reductions**

Speaker
Eirik Eik Svanes

16:45–17:00

SCFT sectors in F-theory landscape

Speaker
Dr Yinan Wang

17:00–17:15

Topological formulae for line bundle cohomology

Speaker
Andrei Constantin

17:15–17:30

Index Formulae for Line Bundle Cohomology on Complex Surfaces

Speaker
Callum Brodie

17:30-17:45 **The Calabi-Yau Hypersurface Landscape**

Speaker
Mehmet Demirtas

18:00