

## Session Program

10-14 Jun 2024



# **SUSY24: The 31st International Conference on Supersymmetry and Unification of Fundamental Interactions**

## ***SUSY, strings and QFT***

IFT (Madrid, Spain)

Instituto de Física Teórica / Institute of Theoretical Physics (Madrid, Spain) website: <https://www.ift.uam-csic.es/en>

# Monday 10 June

17:10

## SUSY, strings and QFT

**Session** | **Location:** Sala Gris II

17:10–17:30

### Symmetric Moduli Spaces: Boundaries, Geodesics and the Distance Conjecture

**Speaker**

Veronica Collazuol

17:30–17:50

### Infinite Distance Limits, Light Towers & Duality Frames

**Speaker**

Ignacio Ruiz Garcia

17:50–18:10

### Yukawa Couplings at infinite distance and Swampland towers in Chiral Theories.

**Speaker**

GONZALO FERNANDEZ CASAS

18:10–18:30

### M-theory/type-II flux vacua in three dimensions

**Speaker**

Matteo Moritsu

18:30–18:50

### Catastrophic decay of Kaluza-Klein vacuum mediated by Singular Instanton

**Speaker**

Sohei Tsukahara

18:50

# Thursday 13 June

15:05

## SUSY, strings and QFT

**Session** | **Location:** Sala Gris I

15:05–15:25

### Supersymmetric gravitational EFTs and the Swampland

#### Speaker

Alberto Castellano

15:25–15:45

### Species scale, worldsheet CFTs and emergent geometry

#### Speaker

CHRISTIAN AOUFIA

15:45–16:05

### Gravitational waves from the Hagedorn phase

#### Speaker

Gonzalo Villa

16:05–16:25

### String Theory (and Gravitational Waves) from the First Half of the Universe

#### Speaker

Filippo Revello

16:25–16:45

### Gravitational Axiverse Spectroscopy

#### Speaker

Margherita Putti

16:45

17:10

## SUSY, strings and QFT

**Session** | **Location:** Sala Gris III

17:10–17:30

### Axiverse wormholes

#### Speaker

ALESSANDRO VALENTI

17:30–17:50

### Euclidean flows, solitons, and wormholes in AdS space from M-theory

#### Speaker

Álvaro Arboleya

17:50–18:10

### Exotic supergravities and the Swampland

#### Speaker

MICHELANGELO TARTAGLIA

18:10–18:30

### Local supersymmetry and non-relativistic limits of M-theory

#### Speaker

Chris Blair

18:50

## Friday 14 June

10:00

### SUSY, strings and QFT

**Session** | **Location:** Sala Gris III

10:00–10:20

#### Anomalies and Bordisms of Non-Supersymmetric Strings

**Speaker**

Matilda Delgado

10:20–10:40

#### WZW terms via bordism

**Speaker**

Shota Saito

10:40–11:00

#### Supersymmetric boundary conditions for the end of spacetime: Dynamical Cobordism in AdS/CFT

**Speaker**

Jesús Huertas

11:00–11:20

#### Phenomenology of the Dark Bubble Model

**Speaker**

Daniel Panizo

11:20–11:40

#### Stabilizing massless fields in Landau Ginzburg models.

**Speaker**

Muthusamy Rajaguru

11:40