

IBERIAN STRINGS 2025 PROGRAM

JANUARY 15 WEDNESDAY

Morning. Room Baroja

- **9:30–10:30** Lecture by Joseph Conlon,
String Theory and the First Half of the Universe.
- 10:30–11:00 Javier Subils, Utrecht University,
Cosmic censorship in a (dual) collider.
- **11:30–12:30** Lecture by Sameer Murthy,
Supersymmetric index of black holes and black strings.
- 12:30–13:00 Gabriel Lopes Cardoso, Universidad de Lisboa,
A proposal for an AdS₂=CFT₁ version of the Ryu–Takayanagi conjecture via character integrals.

JANUARY 15 WEDNESDAY

Afternoon. Room Baroja/Room Oteiza

Room Baroja:

- 15:00–15:30 Javier Matulich, IFT - UAM/CSIC,
The asymptotic structure of higher-dimensional Gravity and its relevance in the dimensional reduction scheme
- 15:30–16:00 Alberto Castellano, University of Chicago,
Quantum Corrected Black Hole Entropy & EFT Transitions
- 16:00–16:30 Anayeli Ramirez, KU Leuven,
AdS₃ solutions & holography
- 17:00–17:30 Alvaro Herraez, Max Planck Institute for Physics,
The Double EFT Expansion in Quantum Gravity
- 17:30–18:00 Alexandre Serantes Rubianes, Ghent University,
Quantum matter near a cosmological singularity

Room Oteiza:

- 15:00–15:30 Luca Romano, Universidad de Murcia,
Non-relativistic heterotic string theory

- 15:30–16:00 Adi Armoni, Swansea University,
High Energy Meson Scattering from Holography
- 16:00–16:30 Marco Bianchi, Universidad San Sebastian,
Exploring Transcendentality in N=4 SYM and ABJM
- 17:00–17:30 Keith Glennon, Okinawa Institute of Science and Technology,
K27 as a symmetry of closed bosonic strings and branes
- 17:30–18:00 Marina David, Katholieke Universiteit Leuven,
Flavored AdS5 black holes from wrapped M5-branes
- 18:00–19:30 Poster Session and Discussion

JANUARY 16 THURSDAY
Morning. Room Baroja

- 9:00–9:30 David Mateos, ICREA & U Barcelona,
Gravitational Waves from the Fifth dimension
- **09:30–10:30** Lecture by Andrea Puhm,
Infrared structure of gravity
- 11:00–11:30 Marine De Clerck, University of Cambridge,
Mixmaster chaos in an AdS black hole interior
- **11:30–12:30** Lecture by Francesco Nitti,
Holographic QFTs and effective de Sitter gravity theories
- 12:30–13:00 José Calderón Infante, CERN,
Higher-spin Symmetry and Tensionless Strings in AdS/CFT

JANUARY 16 THURSDAY
Afternoon. Room Baroja/Room Oteiza

Room Baroja, 15:00- 16:30

- 15:00–15:30 Adolfo Guarino, University of Oviedo,
The ubiquity of S-folds
- 15:30–16:00 Daniel Grumiller, TU Wien
Carroll Swiftons
- 16:00–16:30 Alexander Soloviev, University of Ljubljana,
Holographic Gubser flow

Room Oteiza: 15:00- 16:30

- 15:00–15:30 Maria Del Pilar Garcia del Moral, University of La Rioja,
Higher form symmetries, membranes and fluxes
- 15:30–16:00 Angel Murcia, Universitat de Barcelona,
Dynamical formation of regular black holes
- 16:00–16:30 Juan F. Pedraza, IFT - UAM/CSIC,
Perturbing a quantum black hole

Room Baroja: 17:00- 18:30

- 17:00–17:30 Bengt EW Nilsson, Chalmers Univ. Techn.
Salient features of the squashed seven-sphere spectrum
- 17:30–18:30 **Gong Show**

JANUARY 17 FRIDAY
Morning. Room Baroja

- 9:00–9:30 Roberto Emparan, ICREA & Universitat de Barcelona,
String theory in a pinch: Resolving the Gregory–Laflamme singularity
- **09:30–10:30** Lecture by Jerome Gauntlett,
Equivariant Localization in Supergravity
- 11:00–11:30 Alejandro Ruiperez, University of Rome TorVergata,
Euclidean saddles for the black hole index
- **11:30–12:30** Lecture by Dmitri Sorokin,
Recent developments in non-linear electrodynamics and their implications
- 12:30–13:00 Damian Mayorga Pena, dkmayorgap@gmail.com, University of Lisbon
Machine learning for heterotic string phenomenology
- 13:00–13:30 Amihay Hanany, Imperial
Magnetic Quivers