

SATURNALIA '24

DARK TOPICS FOR THE LONGEST NIGHTS

Sala de Grados

- Martes, 17/12 (11:30) — David Cintas (IJCLab, Saclay)
Enhancing $0\nu 2\beta$ Detection with the CROSS Demonstrator
- Martes, 17/12 (12:00) — David Martínez (CAPA)
Geometric Flavours of Quantum Field Theory: Applications to Cosmology
- Martes, 17/12 (12:30) — Héctor Gómez (CEA, Saclay)
Machine Learning Developments for 3D Muon Tomography of a Nuclear Reactor

Seminario de Física Nuclear

- Miércoles, 18/12 (11:30) — Jaime Apilluelo (CAPA)
Hunting for Dark Matter with ANAIS-112: Latest Results and ongoing Work
- Miércoles, 18/12 (12:00) — Jacobo Asorey (CAPA)
A Cosmic Dance: How Supermassive Black Holes and their Host Galaxies are tangled up
- Miércoles, 18/12 (12:30) — Mathieu Kaltschmidt (CAPA)
Spectrum of Global Strings and the Axion Dark Matter Mass
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- Jueves, 19/12 (12:30) — Miguel Pardina (CAPA)
Phenomenology of Theories of Gravitation beyond General Relativity
- Jueves, 19/12 (13:00) — Yikun Gu (CAPA)
Dark Matter Detection with a Superconducting Qubit in the DarkQuantum Project
- Jueves, 19/12 (13:30) — Alejandro Vaquero (CAPA)
Searching for New Physics in Semileptonic B Decays using Lattice QCD
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- Viernes, 20/12 (12:30) — Jorge Lerendegui (IFIC, Valencia)
Neutron-Capture Experiments and the Synthesis of Heavy Elements
- Viernes, 20/12 (13:00) — Carlos Duaso Pueyo (SNS, Pisa)
Primordial Correlators: Opening a Window into the very early Universe
- Viernes, 20/12 (13:30) — Javier Relancio (U. Burgos & CAPA)
Doubly Special Relativity as a Nonlocal Quantum Field Theory

Website:



Organisation: Mathieu Kaltschmidt, Siannah Peñaranda, Javier Redondo & Laura Seguí



Departamento de Física Teórica
Universidad Zaragoza



Centro de Astropartículas y Física de Altas Energías
Universidad Zaragoza



Facultad de Ciencias
Universidad Zaragoza



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