

Saturnalia '25

Dark Topics for the Longest Nights

16-19 December 2025

Seminario de Física Atómica, Molecular y Nuclear

16/12 (11:30) – Fran Candón (Dortmund U. + CAPA)

Stripped-Envelope Supernovae for QCD Axion Detection

18/12 (13:00) – María Jimenez (CAPA)

Axion searches with IAXO: from the Sun to Supernovae

16/12 (12:00) – Cristian Cogollos (Max Planck Institute)

Detecting axion dark matter with resonant cavities: The RADES Collaboration

18/12 (13:30) – Pablo Quilez (CERN)

Taming forward-scattering singularities in partial waves: Is the classical Higgs unitarity bound well defined?

16/12 (12:30) – Sebastian Monath (Heidelberg U.)

Multiple ALPs in Laboratory Experiments

19/12 (12:30) – Luis Obis (CERN)

Scientific Data Management at CERN

17/12 (11:30) – Iván Coarasa (CAPA)

ANAIS-112: Eight Years Searching for Dark Matter Annual Modulation at LSC

19/12 (13:00) – Swadheen Bharat (CAPA)

Characterization of ^{39}Ar Activity for DarkSide-20k with DArTinArDM

17/12 (12:00) – Fernando Ezquerro (CAPA)

Casimir energy in non abelian gauge theories

19/12 (13:30) – Adrián Franco (U. Complutense de Madrid)

Many-body wavefunctions from conformal field theory

17/12 (12:30) – Chandra Shekhar Saraf (KASI)

Prospects of CMB B-modes with future CMB and large-scale structure experiments

18/12 (12:30) – Jorge Alda (U. Padova)

GeV-ALP searches with ALP-aca



[Indico Website](#)

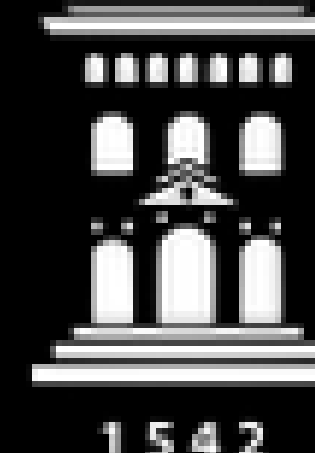
Organizers: Jacobo Asorey, Javier Redondo, Laura Seguí, Mathieu Kaltschmidt, Siannah Peñaranda, Sophia Hollick



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