

SATURNALIA '23

DARK TOPICS FOR THE LONGEST NIGHTS



Image Credit: Saturnalia by Antoine Callet

18-21 DECEMBER 2023

LUNES, 18/12 (12:30) — IVAN RYBAK (PORTO/CAPA)
WINDOW TO HIGH ENERGY PHYSICS WITH
SUPERCONDUCTING COSMIC STRINGS

LUNES, 18/12 (13:00) — SOPHIA HOLLICK (YALE/CAPA)
SEARCHING FOR DARK MATTER WITH COSINE-100

LUNES, 18/12 (13:30) — ÀLVARO EZQUERRO (CAPA)
LOW-MASS WIMP DETECTION WITH TREX-DM

MARTES, 19/12 (12:30) — DAVID MARTINEZ (CAPA)
THE SCHRÖDINGER EQUATION IS INCOMPLETE:
HAMILTONIAN PICTURES OF QFT IN CURVED SPACETIMES

MARTES, 19/12 (13:00) — JULIA VOGEL (CAPA)
HUNTING AXIONS WITH THE INTERNATIONAL AXION
OBSERVATORY (IAXO)

MARTES, 19/12 (13:30) — MAURIZIO GIANNOTTI (CAPA)
DETECTING AXIONS FROM MONSTER STARS

MIÉRCOLES, 20/12 (12:30) — TAMARA PARDO (CAPA)
ANAIS-112: UPDATED RESULTS ON ANNUAL MODULATION
WITH THREE-YEAR EXPOSURE AND FUTURE PROSPECTS

MIÉRCOLES, 20/12 (13:00) — JORGE ALDA (PADUA)
LIGHT NEW PHYSICS COUPLING TO TAU LEPTONS

JUEVES 21/12 (11:30) — ALESSANDRO EDEROCCLITE (CEFCA)
TIME-DOMAIN ASTROPHYSICS AT THE OBSERVATORIO
ASTROFÍSICO DE JAVALAMBRE

JUEVES, 21/12 (12:00) — INÉS CAVERO (CAPA)
VACUUM ENERGY IN A SPHERICAL $\delta - \delta^*$ GEOMETRY

JUEVES 21/12 (12:30) — DIEGO BLAS (IFAE/ICREA)
DETECTING (HIGH FREQUENCY) GRAVITATIONAL
WAVES IN A BOX

JUEVES 21/12 (13:00) — JAVIER RELANCIO (BURGOS/CAPA)
RELATIVE LOCALITY IN CURVED SPACETIMES

Organisation: Mathieu Kaltschmidt, Siannah Peñaranda, Javier Redondo, Maykoll Reyes & Jaime Ruz

Webpage: <https://indico.capa.unizar.es/event/35/>



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