



# ISAPP 2024: Particle Candidates for Dark Matter

## Wednesday, 26 June 2024

### Flash Talks by Students: Session 1/2 - Aula Magna (17:30 - 18:30)

time	[id] title	presenter
17:30	[33] BSM Physics Opportunities with Far-Forward Experiments at a 100 TeV Proton Collider	ADHIKARY, Jyotismita
17:40	[34] Sensitivities for DM search in the Galactic Center with KM3NeT/ORCA-6	BARIEGO QUINTANA, Adriana
17:50	[35] Axion paradigm with "coloured" neutrino masses	BATRA, Aditya
18:00	[36] Introduction to the CRESST experiment	CIPELLI, Eleonora Rebecca
18:10	[37] Listening for ultra-heavy dark matter with underwater acoustic detectors	CLEAVER, Damon
18:20	[38] Global Fits of sub-GeV Dark Matter	GRAY, Taylor

# Monday, 1 July 2024

## Flash Talks by Students: Session 2/2 - Aula Magna (11:15 - 12:30)

time	[id] title	presenter
11:15	[39] The Inner Dark Matter Distribution in Hydrodynamic Simulations	HUSSEIN, Abd El Aziz
11:25	[40] Axion-Photon Sensitivity with NuSTAR Observations of M82 and M87	NING, Orion
11:35	[41] ALPs searches on galactic sources using the HAWC Observatory	PRATTS, Alvaro
11:45	[42] Slow Stable Hybrid Stars	RATHER, Ishfaq Ahmad
11:55	[43] Minimal U(1) two-Higgs-doublet models for quark and lepton flavour	ROCHA, José
12:05	[44] A high Quality factor dielectric Fabry-Perot cavity for detecting dark matter axions	SHI, Jiacheng
12:15	[45] R&D of dark matter cryogenic detectors: study of impact of an aluminium layer as a shield against magnetic fields	ZANIRATO, Marco