

DISCRETE 2022

Tuesday, November 8, 2022

Astroparticle Physics and cosmology (2:00 PM - 3:30 PM)

-Conveners: Chair: Felix Kahlhöfer

time	[id] title	presenter
2:00 PM	[1] Axion and FIMP Dark Matter in a $U(1)$ extension of the Standard Model	KHAN, Sarif
2:15 PM	[20] Cosmological constraints on decaying axion-like particles	HOOFF, Sebastian
2:30 PM	[14] Exploring dark matter models with global fits	GONZALO, Tomas
2:45 PM	[74] Two-component vector WIMP – fermion FIMP dark matter model with an extended seesaw mechanism	COSTA, Francesco
3:00 PM	[100] Global Fits of vector-mediated simplified models for dark matter	CHANG, Christopher
3:15 PM	[88] Atomic responses for Dark matter scattering off electrons with Ge & Xe Detectors	Dr PANDEY, Mukesh Kumar

Astroparticle Physics and cosmology (4:00 PM - 5:30 PM)

-Conveners: Chair: Thomas Schwetz-Mangold

time	[id] title	presenter
4:00 PM	[72] Axion-like particles as mediators for dark matter: beyond freeze-out	BHARUCHA, Aoife
4:15 PM	[73] Electroweak Phase Transition in a Dark Sector with CP Violation	BIERMANN, Lisa
4:30 PM	[76] Modified Dirac equation in schwarzschild metric	Ms HASSANZADEH, Tara
4:45 PM	[24] The cyclic symmetries in the representations of unitary discrete subgroups	JURCIUKONIS, Darius
5:00 PM	[82] CPT and unitarity constraints for higher-order CP asymmetries at finite temperature	MATÁK, Peter