

IMPRS Young Scientist Workshop at Ringberg Castle

Thursday, 23 November 2023

Astroparticle Theory: Neutrinos and Axions (14:00 - 15:20)

-Conveners: Maximilian Bachmaier

time	[id] title	presenter
14:00	[9] Phenomenological implications of neutrinos and axions in many species theories	ETTENGROBER, Manuel
14:20	[10] A leptonic ALP	WEISS, Joachim
14:40	[11] Using Stellar Remnants as a Probe of Axions and Other New Light Scalars	BARTNICK, Kai
15:00	[52] Neutrino fast flavor conversions in core-collapse supernovae	EHRING, Jakob

Friday, 24 November 2023

Astroparticle Theory: The early Universe and astrophysical phenomenology (11:00 - 12:20)

-Conveners: Christian Kneissl

time	[id] title	presenter
11:00	[63] Can instantons in the early Universe justify bouncing cosmologies?	CAROSI, Matthias
11:20	[64] Revisiting the neutrino mass bound from leptogenesis	WANG, Edward
11:40	[73] Quasi-bound states and Sommerfeld enhancement	DE ROS, Lorenzo
12:00	[72] Astrophysical Phenomenology of Light and GUT-massive Colored Higgs Triplet	JANKOWSKY, Anna