

DESY Virtual Theory Forum 2020

Tuesday 22 September 2020

Cosmology and Astroparticles session on Zoom and in Main Auditorium (13:45 - 15:45)

-Conveners: Julia Harz; Camilo Garcia Cely

time	[id] title	presenter
13:45	[96] REVIEW TALK: Recent ideas for dark matter detection	HOCHBERG, Yonit
14:15	[8] Precise dark matter relic abundance in decoupled sectors	Mr DEPTA, Paul Frederik
14:28	[33] Axion Gegenschein: Dark Countersources of Bright Radio Objects	GHOSH, Oindrila
14:41	[63] Axion emissivity from photon conversions in the solar magnetic field	Mrs GUARINI, Ersilia
14:54	[72] Landscape instabilities from finite density effects	Mr STELZL, Stefan
15:07	[20] Enlarging the ALP Dark Matter window with axion fragmentation	Dr ERÖNCEL, Cem
15:20	[52] Audible Axions	Mr RATZINGER, Wolfram
15:33	[11] Resonant backreaction in axion inflation	WELLING, Yvette

Cosmology and Astroparticles session on Zoom and in Main Auditorium (16:15 - 18:16)

-Conveners: Julia Harz; Camilo Garcia Cely

time	[id] title	presenter
16:15	[97] REVIEW TALK: New ideas from the neutrino sector	TORTOLA, Mariam
16:45	[78] Relaxing Cosmological Neutrino Mass Bounds with Unstable Neutrinos	ESCUDERO, Miguel
16:58	[27] Shining Light on the Scotogenic Model: Interplay of Colliders and Cosmology	Mr BAUMHOLZER, Sven
17:11	[6] Massive neutrinos in non-linear LSS	Mr TAULE, Petter
17:24	[46] Probing baryogenesis using synergy between ν - $\bar{\nu}$ oscillation and collider searches	Dr HATI, Chandan
17:37	[15] Influence of a magnetic field on beta-processes in supernova matter	Dr DOBRYNINA, Alexandra
17:50	[58] Bounds on axion-like particles from the diffuse supernova flux	Mr CARENZA, Pierluca
18:03	[10] A hybrid simulation of gravitational wave production	Mr RUBIRA, Henrique