

QUARKS-2020

Tuesday 22 June 2021

Dark Matter: Morning Session (11:00-13:10)

time	[id] title	presenter
11:00	[187] Opening Remarks	TKACHEV, Igor
11:10	[167] Could cosmological tensions hint at non-standard DM properties?	LESGOURGUES, Julien
11:50	[168] Higher-spin Dark Matter	RAIDAL, Martti
12:30	[169] Status and Prospects of Axion Experiments at DESY	RINGWALD, Andreas

Dark Matter: Afternoon Session (16:30-18:30)

time	[id] title	presenter
16:30	[170] The meV/THz QCD Axion	MARSH, David
17:10	[172] Telescope Array bursts and ANITA anomalous events as manifestation of the Dark Matter	ZHITNITSKY, Ariel
17:50	[173] Astrophysical Signatures of Self-Interacting DM	VALLI, Mauro

Wednesday 23 June 2021

Dark Matter: Morning Session (11:00-13:00)

time	[id] title	presenter
11:00	[174] Antistars in the Galaxy	DOLGOV, Alexander
11:40	[175] Mirror Matter: Astrophysical implications	BEREZHIANI, Zurab
12:20	[176] Einstein-Cartan Portal to Dark Matter	TIMIRYASOV, Inar

Dark Matter: Afternoon Session (15:00-17:40)

time	[id] title	presenter
15:00	[177] Primordial Black Holes from an Early Matter Phase	KOUVARIS, Chris
15:40	[178] Primordial NanoBlackHoles	RIOTTO, Antonio
16:20	[179] Astrophysical Probes of Dark Matter	FAIRBAIRN, Malcolm
17:00	[180] Probing interacting dark matter and accreting primordial black holes with the CMB	ALI-HAIMOUD, Yacine

Thursday 24 June 2021

Dark Matter: Morning Session (11:00-13:00)

time	[id] title	presenter
11:00	[181] Structure formation with nonrelativistic scalar fields	NIEMEYER, Jens
11:40	[182] Axion Dark Matter Simulations	REDONDO, Javier
12:20	[183] Understanding Axion Miniclusters: Formation and observational signatures	ELLIS, David

Dark Matter: Afternoon Session (15:00-17:45)

time	[id] title	presenter
15:00	[184] Searching for Axion Stars with Large Decay Constants	EBY, Joshua
15:40	[185] Instability of rotating Bose stars	LEVKOV, Dmitry
16:20	[186] Photophilic hadronic axion from heavy magnetic monopoles	SOKOLOV, Anton
17:00	[188] Aspects of superfluid and quantum dark matter	HERTZBERG, Mark
17:40	[189] Closing Remarks	TINYAKOV, Petr