

Invisibles18 Workshop

Thursday, September 6, 2018

Dark Matter - Nachrichtentechnik - Hörsaal (NTI) (9:00 AM - 10:30 AM)

-Conveners: Chair: Marta Losada

time	[id] title	presenter
9:00 AM	[37] WIMP Phenomenology	CATENA, Riccardo
9:30 AM	[38] DM and Light Mediators	KAHLHÖFER, Felix
10:00 AM	[36] Dark Matter Direct Detection Results and Outlook	GAO, Fei

Dark Matter - Nachrichtentechnik - Hörsaal (NTI) (11:00 AM - 12:30 PM)

-Conveners: Chair: Laura Covi

time	[id] title	presenter
11:00 AM	[39] New Physics and 21 cm Observations	PRADLER, Josef
11:30 AM	[40] PhD forum 6	
	- [1] Surrogate Models for Direct Dark Matter Detection (Andrew Cheek)	CHEEK, Andrew
	- [2] Dark Matter Model or Mass: Benchmark-Free Forecasting for Future Detectors (Thomas Edwards)	EDWARDS, Thomas
	- [3] Singlet-Triplet Higgs portal Dark Matter (Anastasiia Filimonova)	FILIMONOVA, Anastasiia
	- [4] Singlet-Triplet Fermionic Dark Matter and LHC Phenomenology (Sarif Khan)	KHAN, Sarif
	- [5] General Bounds on Hidden CFTs (Kevin Max)	MAX, Kevin
12:00 PM	[57] Dark Matter Indirect Detection - Prospects for WIMPs	SANDICK, Pearl

Dark Matter - Nachrichtentechnik - Hörsaal (NTI) (2:00 PM - 3:30 PM)

-Conveners: Chair: Kathrin Valerius

time	[id] title	presenter
2:00 PM	[41] News on keV Sterile Neutrino DM	BEZRUKOV, Fedor
2:30 PM	[42] PhD forum 7	
	- [1] Constraining Dark Matter-Photon Scattering with CMB Observations (Julia Stadler)	STADLER, Julia
	- [2] Impact of Beyond the Standard Model Physics in the Detection of the Cosmic Neutrino Background (Martin Arteaga Tupia)	ARTEAGA TUPIA, Martin
	- [3] The Foreground Effect on the J-factor Estimation of Dwarf Spheroidal Galaxies (Shunichi Horigome)	HORIGOME, Shunichi
	- [4] Thermalization of Inelastic Dark Matter in the Sun (Stefan Clementz)	CLEMENTZ, Stefan
	- [5] Freezing Dark Matter Through Heavy Spin-1 and Spin-2 Portals (Maira Dutra)	DUTRA, Maira
3:00 PM	[43] Searching for the Decay of Axion Dark Matter	WITTE, Samuel

Dark Matter - Nachrichtentechnik - Hörsaal (NTI) (4:00 PM - 5:30 PM)**-Conveners: Chair: Shaaban Kahlil**

time	[id] title	presenter
4:00 PM	[44] Review of FIMP Dark Matter	BERNAL, Nicolas
4:30 PM	[45] Bimetric Gravity and Dark Matter	SCHMIDT-MAY, Angris
5:00 PM	[47] Dark Matter/Cosmology discussion	FAIRBAIRN, Malcolm