

IDM2016

Tuesday 19 July 2016

Theory - Venue: Cutlers' Banqueting Hall (First Floor); Chair: Louis Strigari; Session Manager: Jost Migenda (16:30-17:50)

time	[id] title	presenter
16:30	[129] A non-relativistic effective theory approach to dark matter direct and indirect detection	Dr. CATENA, Riccardo
16:50	[60] How to calculate direct detection exclusion limits that are consistent with gamma rays from WIMP annihilation in the Milky Way halo	Prof. GREEN, Anne
17:10	[56] Looking for Dark Matter in the Earth's Shadow	Dr. KAVANAGH, Bradley
17:30	[18] Correction of the Reconstruction of the Velocity Distribution for Low-Mass WIMPs	Prof. SHAN, Chung-Lin

Wednesday 20 July 2016

Theory - Venue: Cutlers' Drawing Room (First Floor); Chair: Malcolm Fairbairn; Session Manager: Anthony Ezeribe (14:00-16:00)

time	[id] title	presenter
14:00	[19] Neutralino dark matter at TeV scale revisited	Dr. HRYCZUK, Andrzej
14:20	[39] Unitarisation of EFT Amplitudes for Dark Matter Searches at the LHC	SCHMIDT, Michael
14:40	[139] Less-simplified models of dark matter for direct detection and the LHC	Dr. CHOUDHURY, Arghya
15:00	[147] Update on Higgs portal dark matter and global fits	SCOTT, Pat
15:20	[12] Dark Forces in the Sky: signals from Z' and the Dark Higgs	Dr. CAI, Yi
15:40	[149] Constraints from renormalisation of the Minimal Dark Matter model	Mr. MCKAY, James

Theory - Venue: Cutlers' Drawing Room (First Floor); Chair: Anne Green; Session Manager: Anthony Ezeribe (16:30-18:10)

time	[id] title	presenter
16:30	[148] Effective Field Theory of Dark Matter: a Global Analysis	LIEM, Sebastian
16:50	[23] Bayesian study of cosmic ray propagation: evidence against homogeneous propagation and implications for indirect detection of dark matter	Dr. VINCENT, Aaron
17:10	[9] Dark Plasma simulations	Mr. SEPP, Tiit
17:30	[22] Plasma dark matter direct detection	Dr. FOOT, Robert
17:50	[107] Gauge Invariance and Simplified Models with Scalar Mediators	Dr. BUSONI, Giorgio