



# Dark Matter @ LHC 2018 (#DMLHC2018)

## Thursday, 5 April 2018

### Open Session C): #1 - Room 1.403+1.404 (first floor) (14:00 - 16:00)

-Conveners: Pedro Klaus Schwaller; Mario Martinez-Perez

time	[id] title	presenter
14:00	[77] CMS results in final states with a photon and missing transverse momentum	ALLEN, Brandon Leigh
14:15	[81] Leptophilic dark matter from gauged lepton number: Phenomenology and gravitational wave signatures	Mr MADGE, Eric
14:30	[80] CMS combined tt+DM search with 2016 data	SEVOVA, Stanislava
14:45	[56] Characterisation of the NLO cross sections for the associated production of dark matter with heavy quarks	AFIK, Yoav ROZEN, Yoram ZARO, Marco
15:00	[48] Resonance Searches with B-jets in the Final States with the ATLAS Detector	LIU, Bingxuan
15:15	[55] An exceptional composite dark matter candidate	CARMONA BERMUDEZ, Adrian
15:30	[50] Search for dark matter produced in association with bottom or top quarks in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector	RIMOLDI, Marco
15:45	[79] Search for dark matter in association with a tt pair at $\sqrt{s} = 13$ TeV in the dilepton channel with the CMS experiment	GARCIA FERRERO, Juan

### Open Session C): #2 - Room 1.403+1.404 (first floor) (16:30 - 18:30)

-Conveners: Mario Martinez-Perez; Pedro Klaus Schwaller

time	[id] title	presenter
16:30	[69] Dark Matter in Association with a Single Top	THOMPSON, Jennifer
16:45	[42] Dark matter production in association with a single top-quark at the LHC in a two-Higgs-doublet model with a pseudoscalar mediator	PANI, Priscilla
17:00	[49] Search for electroweak production of supersymmetric states in scenarios with compressed mass spectra at $\sqrt{s}=13$ TeV with ATLAS	LIU, Jesse
17:15	[58] Perspectives of monojet searches at the LHC on supersymmetric Dark Matter	Dr BESKIDT, Conny
17:30	[75] Searching for new physics in events with an energetic jet and large missing transverse momentum with the ATLAS detector	GUSTAVINO, Giuliano
17:45	[59] Can we discover a light singlet-like NMSSM Higgs boson at the LHC?	Prof. DE BOER, Wim
18:00	[76] Searching for dark matter with detector-corrected observables at ATLAS	PICKLES, Rebecca Hayley