

TeV Particle Astrophysics 2016

Monday, September 12, 2016

Dark Matter & colliders: I - 6/2-024 - BE Auditorium Meyrin (2:00 PM - 4:00 PM)

-Conveners: Laura Covi; Geraldine Servant; Kai Ronald Schmidt-Hoberg; Alejandro Ibarra

time	[id] title	presenter
2:00 PM	[241] DM searches using missing ET at LHC (CMS)	MOON, Chang-Seong
2:20 PM	[242] Searches for light dark matter through dijets and long-lived particles at the LHC (ATLAS)	ROSTEN, Rachel Christine
2:40 PM	[186] Dark Matter faces multijets at 13 TeV	Mr ZALDIVAR, Bryan
3:00 PM	[159] Fast LHC Signal Prediction using Machine Learning	LIEM, Sebastian
3:20 PM	[19] Mass bound variables to confront dark matter production at the LHC	SWAIN, Abhaya Kumar
3:40 PM	[183] Global-fit constraints in the MSSM and scalar singlet dark matter models with GAMBIT	Dr FARMER, Benjamin

Tuesday, September 13, 2016

Dark Matter & colliders: II - 6/2-024 - BE Auditorium Meyrin (4:30 PM - 6:30 PM)

-Conveners: Felix Kahlhoefer; Kai Ronald Schmidt-Hoberg; Geraldine Servant; Alejandro Ibarra

time	[id] title	presenter
4:30 PM	[141] The SHIP Experiment at CERN	SHIP, Collaboration CAMPANELLI, Mario
4:50 PM	[27] Dark Photons at LHCb	XUE, Wei
5:10 PM	[24] Radiative Type III Seesaw Model and its collider phenomenology	Prof. RESTREPO, Diego
5:30 PM	[83] The Coannihilation Codex	BAKER, Michael
5:50 PM	[50] Complementarities of Dark Matter searches with Spin-Dependent interactions	MORGANTE, Enrico

Thursday, September 15, 2016

Dark Matter & colliders: III - 13/2-005 (2:00 PM - 4:00 PM)

-Conveners: Mathias Garny; Geraldine Servant; Alejandro Ibarra; Kai Ronald Schmidt-Hoberg

time	[id] title	presenter
2:00 PM	[107] On bound state effects in dark matter freeze-out	LAINE, Mikko
2:20 PM	[124] Probing thermal freeze-out with searches for dijet resonances at LHC and 100 TeV	KAHLHOEFER, Felix
2:40 PM	[12] Realistic simplified dark matter models	VOGL, Stefan
3:00 PM	[123] Simplified models vs EFTs for DM searches at the LHC	JACQUES, Thomas David
3:20 PM	[137] Dark matter models with two mediators	DUERR, Michael

Friday, September 16, 2016

Dark Matter & colliders: IV - 40/S2-D01 - Salle Dirac (2:00 PM - 4:00 PM)

-Conveners: Michael Duerr; Kai Ronald Schmidt-Hoberg; Geraldine Servant; Alejandro Ibarra

time	[id] title	presenter
2:00 PM	[166] The nature of dark matter: observations and experiments	SALUCCI, Paolo
2:20 PM	[5] The case for the 100 GeV bino-like Dark Matter particle	Ms VAN BEEKVELD, Melissa Corona
2:40 PM	[118] The last gasp of dark matter effective theories	BRUGGISSER, Sebastian
3:00 PM	[0] Vector-like fermion dark matter in light of di-photon excess at LHC	Dr SAHU, Narendra
3:20 PM	[45] A TeV scale messenger (e.g. 750 GeV) of Dark Matter	HEKTOR, Andi
3:40 PM	[38] Momentum-dependent dark matter couplings and monojets	Dr ANDREAS, GOUDELIS