



# Dark Interactions: Perspectives from Theory and Experiment

## Thursday, 6 October 2016

**Contributed talks related to dark sectors/dark interactions - Physics Department, Bldg. 510, Large Seminar Room  
(14:00 - 18:05)**

-Conveners: Ketevi Adikle Assamagan; Michael Begel

time	[id] title	presenter
14:00	[39] Recent results and prospects on Dark Interactions from CERN	LAMANNA, Gianluca
14:20	[40] Simplified DM models: a case with t-channel colored scalar mediators	NATALE, Alexander
14:40	[41] Dark matter models with two mediators	DUERR, Michael
15:00	[42] Search for Dark Particles at Belle and Belle II	JAEGLE, Igal
15:20	[43] Search for Dark Photons at LHCb	XUE, Wei
15:40	Break	
16:15	[45] Astrophysical Signatures of Dissipative Dark Matter	KRAMER, Eric
16:35	[47] Updated Bounds on Light Hidden Sectors in Supernovae	MCDERMOTT, Samuel
16:55	[49] "Lattice Gauge Theory insights on Dark Matter	RINALDI, Enrico
17:15	[46] The search for a dark Z boson with Machine Learning	THAIS, Savannah
17:35	[50] Respect the ELDERS	TSAI, Yu-Dai