



# Phenomenology 2018 Symposium

## Monday 7 May 2018

### Dark Sector & ALPs - G-31 (14:15 - 16:00)

time	[id] title	presenter
14:15	[572] Supernova 1987A Constraints on Low-Mass Dark Sectors	CHANG, Jae Hyeok
14:30	[573] Terrestrial effects on sub-GeV dark matter detection via electron scatterings for heavy and ultralight mediators	SHOLAPURKAR, Mukul SHOLAPURKAR, Mukul
14:45	[475] Reverse Direct Detection: Cosmic Ray Tests of Light Dark Matter Elastic Scattering	CAPPIELLO, Christopher
15:00	[607] Dark Matter Substructure and Axion Astronomy	Mr FOSTER, Joshua
15:15	[484] Axion Production and Detection using Superconducting RF Cavities	JANISH, Ryan JANISH, Ryan
15:30	[583] SIMPs through the axion portal	MCGEHEE, Robert
15:45	[510] Classical Nonrelativistic Effective Field Theories for a Real Scalar Axion Field	MOHAPATRA, Abhishek