



# New Directions in the Search for Light Dark Matter Particles

## Wednesday, 5 June 2019

### Theory of Interactions - Wilson Hall Curia II (09:00 - 10:30)

-Conveners: Yoni Kahn

time	[id] title	presenter
09:00	[10] Theory of DM-electron scattering and electronic excitation (semiconductors, scintillators, metals)	YU, Tien-Tien
09:30	[11] Theory of DM-induced phonon production (helium, polar materials, superconductors)	LIN, Tongyan
10:00	[12] Theory of DM-atom interactions (chemical bond breaking, Migdal effect, absorption)	SLONE, Oren