



# The Future of Particle Physics in the Post-Higgs Landscape

## Thursday 04 April 2019

### New Directions in Particle Experiments: New Directions in Experiments and Jet Physics - Building 58, Rm 1067

(09:15-10:45)

-Conveners: James Richings

time	[id] title	presenter
09:15	[1] Matter density profile effects on neutrino oscillations at T2HK and T2HKK	MOLINA SEDGWICK, Susana
09:35	[2] Diffractive Scattering at the LHC	LIND, Alexander
09:55	[3] Data-driven corrections to ATLAS electron trigger simulation	KOCK, Daniela

### New Directions in Particle Experiments: New Directions in Experiments and Jet Physics - Building 58, Rm 1067

(11:00-12:30)

-Conveners: Sam Rowley

time	[id] title	presenter
11:00	[4] Jet tagging with neural networks	DAY-HALL, Henry
11:20	[5] b-Jet Clustering Techniques for BSM Higgs Physics	FORD, Billy
11:40	[6] Bounds and Prospects for Stable Multiply Charged Particles at the LHC	KVEDARAITE, Sandra
12:00	[7] Future Prospects of the SNO+ Experiment	NOLAN, Lorna