



# XIV NExT PhD Workshop: the shape of new physics to come

## Monday, 15 July 2024

### Student talks (16:30 - 18:30)

time	[id] title	presenter
16:30	[1] Listening for ultra-heavy dark matter using underwater acoustic sensors	CLEAVER, Damon
16:50	[2] Non-decoupling scalars at future detectors	CRAWFORD, Graeme
17:10	[7] The Double Copy: A Duality for Particles and Gravity	ARMSTRONG-WILLIAMS, Kymani

# Wednesday, 17 July 2024

## Student talks (17:30 - 19:00)

time	[id] title	presenter
17:30	[3] Search For Boosted Light Higgs Bosons From Supersymmetric Cascade Decays	MOALLEMI, Mehrnoosh
17:50	[6] Primordial Black hole relics as Dark matter candidate	ALJAZAERI, Amirah Saeed M.
18:10	[8] Spherically symmetric Einstein-aether gravity	Mr HSU, Arthur Yi-Hsiung
18:30	[25] Using Machine Learning to Identify Carbon-rich and Oxygen-rich AGB Stars in Our Galaxy	KUSHWAHAA, Tanya

# Thursday, 18 July 2024

## Student talks (11:30 - 12:30)

time	[id] title	presenter
11:30	[4] Underlying Event Tuning for VINCIA	TUNCAY, Baris
11:50	[5] Low energy electron recoil searches within LZ and using FlameNEST for future work	RIYAT, Harkirat