



# Topics of Particle, Astro and Cosmo Frontiers (TOPAC 2023)

## Sunday, 4 June 2023

Collider - Tsung-Dao Lee Institute/S5F-S500 - Lecture Hall (08:30 - 10:10)

-Conveners: Chengping Shen; Wei Wang

time	[id] title	presenter
08:30	[84] Recent updates of Higgs properties measurement in the ATLAS and CMS experiments	LIU, Kun
08:55	[76] Symbol Letters of Feynman Integrals	YANG, Lilin
09:20	[100] Dark Photon search at SHINE facility	LI, Shu
09:45	[28] Nuclear decay anomalies as a signature of axion dark matter	LI, Tianjun

Collider - Tsung-Dao Lee Institute/S5F-S500 - Lecture Hall (10:30 - 12:10)

-Conveners: Jiayin Gu; Kai Yan

time	[id] title	presenter
10:30	[1] Precision test of the Zbb anomalous couplings at colliders	Prof. YAN, Bin
10:55	[17] Probing EWPT in 2HDM with LHC and Future Lepton Colliders	SU, Wei
11:20	[20] Interpretable machine learning in HEP analysis	QIAN, Zhuoni
11:45	[49] Improving heavy Dirac neutrino prospects at future hadron colliders using machine learning	FENG, Jie