



# Sichuan University and IBS CTPU-CGA joint workshop on frontier of theoretical particle physics and gravity

Monday, 25 May 2026

Afternoon Session 1 - Xiangqing Ting (祥慶), 2F of Xiangyu Hotel (成都祥宇宾馆) (14:00 - 15:30)

-Conveners: Xiaojun Bi

time	[id]	title	presenter
14:00	[33]	Paths to Solving the Strong CP Problem and the Footprints Left Behind	NAKAI, Yuichiro
14:30	[34]	Effective Field Theory and In-In Correlators	SUN, Guan hao
15:00	[35]	Probing High-Energy Physics with Topological Defects	RYBAK, Ivan

Tuesday, 26 May 2026

Afternoon Session 1 - Xiangqing Ting (祥庆), 2F of Xiangyu Hotel (成都祥宇宾馆) (14:00 - 15:30)

-Conveners: Zheng Sun

time	[id]	title	presenter
14:00	[46]	Axion inflation with gauged lepton flavor symmetry, large lepton asymmetry, and helium abundance	KAMADA, Kohei
14:30	[48]	Covariant scalar-tensor theories beyond second derivatives	PETROV, Pavel
15:00	[49]	Observing Lorentz-violating effects on the gamma-ray horizon	NILSSON, Nils Albin

# Wednesday, 27 May 2026

Afternoon Session 1 - Xiangqing Ting (祥庆), 2F of Xiangyu Hotel (成都祥宇宾馆) (14:00 - 15:00)

-Conveners: Takaaki Nomura

time	[id]	title	presenter
14:00	[62]	Verifiable Origin of Neutrino Masses and Ultra High Energy Astrophysical Neutrinos	POPOV, Oleg
14:20	[65]	Freeze-in sterile neutrino DM in a feebly gauged $U(1)$ model	UCHIDA, Yoshiki
14:40	[64]	Physical remnant of Electro-weak theta angle	SUN, Zheng