

The 4th Topics of Particle, Astro and Cosmo Frontiers (TOPAC 2026)

第4届粒子物理、天体物理和宇宙学前沿国际学术研讨会

Sunday, 19 April 2026

Parallel Cosmology & Astrophysics: Cosmic Signals (Room 302, Chair Zhao-Feng Kang) (16:30 - 18:40)

time	[id] title	presenter
16:30	[65] Leptophilic Scalar Dark Matter: Evading direct detection and prospective neutron star heating	CAI, Chengfeng
16:55	[2] Soliton mergers and radio transients — A new window on dark photon dark matter	ZHANG, Hong-Yi
17:10	[146] Probing the wave nature of light new physics	SUN, Chen
17:25	[17] Confinement and Chiral Phase Transitions: The Role of Polyakov Loop Kinetics Terms	Dr ZHU, Jiang
17:40	[5] Domain Walls in Extended Higgs Sectors: Electric Charge Violation and Electroweak Symmetry Restoration	SASSI, Mohamed Younes
17:55	[78] Model Parameter Reconstruction of Electroweak Phase Transition with TianQin and LISA: Insights from the Dimension-Six Model	YANG, Aidi
18:10	[71] Gravitational waves and primordial black holes produced by dark meta stable vacuum decay	LI, Tingyu
18:25	[74] Ultra-Low Nucleation Phase Transitions: Super-Hubble Bubbles and Non-Standard Dynamics	CHEN, Haibin