



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

Friday, 2 June 2023

Poster session and buffer dinner (18:00 - 21:00)

time	[id] title	presenter
18:00	[27] Quantum calculation of axion-photon transition in electromagnetodynamics for cavity haloscope	ZHANG, RUIJIA
18:05	[116] Probing “pure” Right-Handed Sleptons at colliders	ZHANG, Wenxing
18:10	[42] Gauge-invariant Electroweak Interaction Parameters and Their oblique corrections in The B-LSSM	崔, 生恺
18:15	[31] CP Violating Dark Photon Kinetic Mixing and Type-III Seesaw	SUN, Jin
18:20	[55] Lepton flavor violating decays $l_j \rightarrow l_i \gamma$ in the U(1)XSSM model within the Mass Insertion Approximation	王, 彤彤
18:30	[35] Lightest Higgs boson decays $h \rightarrow MZ$ in the $\mu$ from $\nu$ supersymmetric standard model	LIU, Changxin
18:35	[60] Soft Scattering Evaporation of Dark Matter Subhalos by Inner Galactic Gases	LIN, Yugen
18:40	[38] The electromagnetic decays of $X(3823)$ as the “ $\psi$ ” $_{\Omega}(\Omega^{\Lambda} \Omega_{\Omega})$ state and its radial excited states	LI, Wei
18:45	[67] The Higgs boson masses and Higgs decays in the B-LSSM with explicit CP violation	ZHANG, Wen-Hui
18:50	[71] Two-loop corrections to $b \rightarrow s \gamma$ in TNMSSM	陈, 海翔
18:55	[69] On the possibility of mixed axion/neutralino dark matter in specific SUSY DFSZ axion models	YANG, Zhong Jun
19:00	[80] Forbidden Dark Matter Combusted Around Supermassive Black Hole	CHENG, Yu
19:05	[75] Transverse-momentum-dependent wave functions and soft functions at one-loop in large momentum effective theory	DENG, Zhifu
19:10	[74] Light-cone distribution amplitudes of a light baryon in large-momentum effective theory	Dr ZENG, Jun
19:15	[85] Black Hole Hyperaccretion in Collapsars: GRB Timescale	WEI, Yunfeng
19:20	[51] Lepton Colliders and Study of Neutrino CP violation	RUZI, Alim
19:25	[48] Production and attenuation of cosmic-ray boosted dark matter	Dr XIA, Chen
19:30	[21] Exploring Mirror Twin Higgs Cosmology with Present and Future Weak Lensing Surveys	ZHANG, Chi
19:35	[34] Light Fermionic Dark Matter Absorption on Electron Targets	SHENG, Jie
19:40	[39] Improving CP Measurement with Muon Decay At Rest	KONG, Chuifan
19:45	[45] Bootstrapping One-loop Inflation Correlators with the Spectral Decomposition	ZHANG, Hongyu
19:50	[102] Inflation Correlators at Tree and Loop Levels	QIN, Zhehan
19:55	[104] Searching for high-frequency axion in quantum electromagnetodynamics through interface haloscopes	代, 昌杰

20:00	[114] A global analysis for determined and undetermined hadronic two body weak decays of anti-triplet charmed baryons	黄, 飞
20:05	[115] $\Xi_c - \Xi_c'$ mixing From Lattice QCD	刘, 航
20:10	[72] Electronweak baryogenesis and electron EDM in the left-right supersymmetric model	胡, 怀聪
20:15	[110] Dark Matter Freeze-out via Catalyzed Annihilation	XING, Chuan-Yang
20:20	[111] Scalarization by matter effect around black hole mimickers	LI (李), Ximeng (西蒙)
20:25	[118] Type-II seesaw triplet scalar effects on neutrino trident scattering	LI, Ming-Wei