



# 26th International Symposium on Spin Physics (SPIN2025)

Tuesday, 23 September 2025

Fundamental symmetries and spin physics beyond the standard model: 02 (08:30 - 12:00)

-Conveners: Bin Yan; Peng Sun

time	[id] title	presenter
08:30	[164] Search for CP violation with spin entangled hyperon-antihyperon pairs at BESIII	Dr SHEN, Hong-Fei
09:00	[91] extremely strong evidence of CPV in baryon-anti-baryon production processes of heavy hadron decays	Prof. ZHANG (张) , Zhen-Hua (振华)
09:20	[2] Bell Inequality Violation of Light Quarks in Dihadron Pair Production at Lepton Colliders	Prof. YAN, Bin
09:40	[19] Transverse spin effects and light-quark dipole moments at colliders	WEN, Xinkai
10:00	Coffee/Tea break	
10:20	[31] The Search for Electric Dipole Moments of Charged Particles in Storage Rings	ANDRES, Achim
10:40	[40] Linearly Polarized Photon Fusion as a Precision Probe of the Tau Lepton Dipole Moments at Lepton Colliders	XU, Fang
11:00	[38] SEARCH FOR TIME-INVARIANCE VIOLATION IN DOUBLE POLARIZED pd-, 3He-d and dd-SCATTERING AND TEST OF THE pN SPIN AMPLITUDES AT HIGH ENERGIES	UZI KOV, Yuriy
11:20	[51] A new experimental proposal to search for T-violating $\mu^+$ polarization in $K^+ \rightarrow \pi^0 \mu^+ \nu$ decay using stopped positive kaons at J-PARC	Prof. SHIMIZU, Suguru
11:40	[64] Toward the first experiments of T-violation search in neutron-induced compound nuclear reaction	IINUMA, Masataka

# Wednesday, 24 September 2025

Fundamental symmetries and spin physics beyond the standard model: 03 (08:30 - 12:00)

-Conveners: Liuming Liu; Jian Liang

time	[id] title	presenter
08:30	[119] Lattice QCD calculation of nucleon EDM	LIANG, Jian
09:00	[109] Accurate B meson and Bottomonium masses and decay constants from the tadpole improved clover ensembles	Dr CAI, Mengchu
09:20	[128] Nucleon energy correlators as a probe for light-quark dipole operators at the EIC	WANG, Haolin
09:40	[136] The Production and Decay Dynamics of the Charmed Baryon $\Lambda_c^+$ in $e^+e^-$ Annihilations near Threshold	Dr SUN, Hao
10:00	Coffee/Tea break	
10:20	[146] Exploring Exotic Spin-Dependent Interactions Beyond the Standard Model	YAN, Haiyang
10:40	[65] Measurement of residual $\mu^+$ polarization in a CeF3 material and timing resolution of a CeF3 detector to search for T-violating $\mu^+$ polarization in $K^+ \rightarrow \pi^0 \mu^+ \nu$ decay	Mr IDE, SHUNGO
11:00	[3] Observation of a family of all-charm tetraquarks with spin-2 and positive parity	WANG, Xining
11:20	[200] Covariant L-S decomposition by spinor variable	Mr WANG, Yi-Ning