

26th International Symposium on Spin Physics (SPIN2025)

Tuesday, 23 September 2025

Spin in heavy ion collisions: 02 (08:30 - 12:00)

-Conveners: Xiaozhi Bai; Francesco Becattini

time	[id] title	presenter
08:30	[208] A solvable model for spin polarizations with flow-momentum correspondence	WANG, Qun
09:00	[112] Spin polarization from hadrons to (anti-)(hyper-)nuclei in high-energy nuclear collisions	SUN, KaiJia
09:25	[210] Holographic spin alignment of vector mesons in magnetized plasma	HOU, Defu
09:45	[211] Global quark spin correlations in relativistic heavy ion collisions	LV, Ji-peng
10:05	Coffee break	
10:30	[212] Longitudinal and global polarization of hyperons in Run 3 Pb-Pb collisions with ALICE	DAS, Prottoy
11:00	[62] Measurements of Λ , Ξ and Ω Global Polarization in Au+Au collisions at BES-II energies from RHIC-STAR	FU, Tong
11:20	[12] Spin polarization at relativistic AA and pA collisions	PU, Shi
11:40	[103] Determining spin effects in global equilibrium by quantum kinetic theory	GAO, Jian-Hua

Spin in heavy ion collisions: 02 (14:00 - 18:00)

-Conveners: Xu-Guang Huang; Zhenyu Chen

time	[id] title	presenter
14:00	[158] Measuring spin alignment of D^{*+} mesons in pp and Pb-Pb collisions with ALICE	LI, Mingze
14:30	[82] Hyperon local polarization in pPb collisions at CMS	LI, Chenyan
14:50	[98] Hydrodynamic effects on spin polarization in AA and pA collisions	YI, Cong
15:10	[125] Relativistic dynamics of charmonia in strong magnetic fields	LI, Yang
15:30	Coffee break	
15:50	[132] Color-field induced spin transport in high-energy nuclear collisions	YANG, Di-Lun
16:15	[153] An improved formula for spin polarization at local thermodynamic equilibrium	Dr SHENG, Xin-Li
16:40	[37] Measurement of the J/ψ polarization in pp and Pb-Pb collisions with ALICE at the LHC	BAI, Xiaozhi
17:00	[104] Measurements of hyperon spin correlation in Au+Au collisions at BES-II energies at STAR	GOU, Xingrui
17:20	[1] Chiral phase transition and spin alignment of vector mesons with chiral imbalance in a rotating QCD medium	FENG, Sheng-Qin

17:40	[16] Spin alignment of vector mesons induced by spin density fluctuation	XU, Kun
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Wednesday, 24 September 2025

Spin in heavy ion collisions (08:30 - 12:05)

-Conveners: Jinfeng Liao; Qun Wang

time	[id] title	presenter
08:30	[197] Relativistic spin hydrodynamics and spin polarization	HUANG, Xu-Guang
09:00	[213] Hydrodynamic study of Lambda spin polarization: from qualitative towards quantitative investigation	FU, Baochi
09:20	[214] Physics-informed neural networks for angular-momentum conservation in computational relativistic spin hydrodynamics	MATSUDA, Hidefumi
09:40	[152] Relativistic spin hydrodynamics with antisymmetric spin tensors and an extension of the Bargmann-Michel-Telegdi equation	Mr WANG, Dong-Lin
10:00	Coffee break	
10:20	[209] Is the shear induced spin polarization non-dissipative?	WANG, Jia-rong
10:40	[215] String tension and Polyakov loop in a rotating background	CHEN, Jun-Xia
11:00	[6] Rapidity-Spectral Decomposition and Spin Dynamics in Coupled Lorentz Spacetime Coordinates	AKINTSOV, Nikolai
11:20	[216] Global Spin Alignment of (Anti-)4Li in Non-Central Heavy-Ion Collisions	ZHENG, Yunpeng
11:40	[217] Global tensor polarization of spin-3/2 hadrons and quark spin correlations in relativistic heavy-ion collisions	YU, Zihan