

CSQCD2026

Wednesday 20 May 2026

Posters: Poster Session (17:25 - 19:25)

[id] title	presenter	board
[84] Strange stars within a density-dependent quark mass framework: a Bayesian approach	VALLIN SIMÃO, Bruna	
[92] Cooling of quark stars from perturbative QCD	FONSECA, Úrsula	
[67] Equation of state of hot and dense matter and implication on Gravitational Wave from Binary Neutron Star post-merger	Mr BARMAN, Nilaksha	
[37] Superconducting multi-vortices at finite isospin chemical potential in chiral perturbation theory	LAGOS FLORES, Marcela	
[54] Towards unified description of dense stellar matter	XIA, Cheng-Jun	
[17] Probing Hybrid Stars with NICER and HESS J1731–347 Using the Speed of Sound Model	PAL, Suman	
[58] Integrable statistical models and QCD phase diagrams	AN, Xin	
[31] Strong-field quantum electrodynamics in magnetar magnetospheres	KIURU, Olavi	
[70] The Quark-Meson diquark model as an effective model for neutron stars equation of state.	NØDTVEDT, Mathias Pavely	
[72] Observable Signatures of a Quarkyonic Phase in Neutron Stars	Mr KALITA, Probit Jyoti	
[80] Multimessenger Insights into Dense Nuclear Matter and Neutron Skin Thickness	NANDI, Rana	
[69] Pairing-gap corrections to speed of sound and trace anomaly in 2SC matter and QCD-like superfluid matter	MINATO, Shuhei	
[23] Dilepton Production as a Probe of Pion Condensation in Hot and Dense QCD Matter	BANDYOPADHYAY, Aritra	
[68] Medium modifications of heavy-light mesons in hot and dense resonance matter	KAUR, Manpreet	
[29] Thermal Evolution of Isolated Neutron Stars: Constraints on the EoS and Pairing Gaps	ÁVILA, Afonso	
[74] Artificial first-order phase transition induced by quark anomalous magnetic moment in the Nambu--Jona-Lasinio model	CARDOSO, Rafael	
[28] Equation-of-state-informed pulse profile modeling	HOOBKAMER, Mariska	
[79] Nuclear chiral density wave in neutron stars?	PAPADOPOULOS, Orestis	
[73] Properties of Neutron Stars with Hyperons within a Relativistic Metamodel	CHAR, Prasanta	
[62] Isospin equilibration and Bulk Viscous Dissipation in Neutron Star Mergers: Effects of magnetic field	TAMBE, Pranjal	
[26] Spin-polarized quark matter and its phase diagram	TAVARES, William	
[3] Effects of a Brueckner-Hartree-Fock-corrected effective mass on speed of sound, conformality, and observables of dark matter-admixed neutron stars	DAS, Arijit	

[77] Mass Defect in Accretion Induced Phase Transitions to the Third Family of Compact Stars	RAKSHIT, Dhrubajyoti	
[63] Parametrised phase transition to quark matter in binary neutron star merger	RIVIECCIO, Giuseppe	
[20] Quarkyonic Matter with Color Superconductivity: Implications for Compact Stars	GÄRTLEIN, Christoph	
[32] Application to neutron stars of Relativistic Mean-Field predictions and QCD Equation of State from effective Lagrangians	PASSARELLA, Luca	
[66] General-relativistic simulations of binary strange star mergers	GAO, Yong	
[33] A new approach to determine the thermodynamics of deconfined matter to high accuracy	SANDBOTE, Leon	
[34] Generating ultra-compact hybrid stars with bosonic dark matter	PITZ, Sarah Louisa	
[50] Strange quark matter formation in compact stars: nucleation, metastability, and astrophysical implications	GUERRINI, Mirco	
[35] Hyperons and Δ's in rotating protoneutron stars: Local properties	Dr MANOEL DA SILVA, Franciele	
[46] Anisotropic Compact Stars in the Presence of Δ Resonances	., Priyanshi	
[5] Proto-Neutron Stars with Color Superconductivity	KUNKEL, Selina	
[48] Model-independent constraints for twin-star solutions	BLOMQUIST, Sofia	
[6] Probing Dark Matter from Cold Neutron Stars to Proto-Neutron Stars Using Two-Fluid Modeling, Bayesian Evidence, and Machine-Learning Inference	THAKUR, Prashant	
[24] Uniting STAR Flow Inference with Astrophysical Data	PANASIUK, Pavlo	
[103] The impact of the Si/O interface on core-collapse supernova explosions	HOURY, Nicolas	