

Session Program

14-17 Jul 2026



The 22nd International Conference on QCD in Extreme Conditions

Poster Session

Pukyong National University, Pukyong Convention Hall
Pukyong National University, 45 Yongso-ro, Nam-gu, Busan, 48513, South Korea

Tuesday 14 July

17:40

Poster Session

Session |

Location: Pukyong National University, Pukyong Convention Hall, Pukyong National University, 45 Yongso-ro, Nam-gu, Busan, 48513, South Korea

17:45–18:05 **Valence quark structure of proton in dense nuclear matter**

Speaker

Ms Navpreet Kaur

17:45–18:05

Dark energy and QCD instanton vacuum in a Friedmann-Lemaître-Robertson-Walker universe

Speaker

Mirzayusuf Musakhanov

17:45–18:05

The in-medium properties of D_s and B_s mesons in hot and dense resonance matter

Speaker

MANPREET KAUR

17:45–18:05

Unraveling quark-level collectivity via p_T -differential radial flow observable in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV with the AMPT model

Speaker

Rohit Agarwala

17:45–18:05

Exotic Core Signatures in Neutron Stars from Spacetime Curvature within Modified Gravity

Speaker

Mr Sayantan Ghosh

17:45–18:05

Spectral Function Analysis of the Vector and Axial-vector Meson Correlators at Non-zero Temperature/Small Baryon Density in Lattice QCD

Speaker

Sol Noh

17:45–18:05

Deep Learning Augmented Quasi-Particle Framework for Quarkonia Melting in QCD Matter

Speaker

Mohammad Yousuf Jamal

18:05–18:25

Strong Coupling QCD using D-Wave Quantum Annealer**Speaker**

Seungyeob Jwa

18:05–18:25

Pole structure of the T_{cs} resonance in a coupled-channel quark model with three-body force**Speaker**

Jongheon Baek

18:05–18:25

Probing Neutron-to-Dark-Matter Conversion with Multimessenger Neutron-Star Observations**Speaker**

Davood Rafiei Karkevandi

18:05–18:25

Imprints of non-symmetric dark matter haloes on magnetars: a two-fluid perspective**Speaker**

Asit Karan

18:05–18:25

Effects of a Brueckner-Hartree-Fock-corrected effective mass on speed of sound, conformality, and observables of dark matter-admixed neutron stars**Speaker**

Arijit Das

18:05–18:25

The Experimental Feasibility Study of Multi-Particle Scattering**Speaker**

Yongjun Choi

18:05–18:25

Capturing the Schwinger Effect at One Loop: A Resummed In-In Formalism in a Constant Electric Field**Speaker**

Shuhei Minato

18:25–18:45

Effects of a Brueckner-Hartree-Fock-corrected effective mass on speed of sound, conformality, and observables of dark matter-admixed neutron stars**Speaker**

Arijit Das

18:25–18:45

Cooper Pairing Between Particles with Repulsive Interactions in the Cold, Dense 2-Flavour Symmetric QCD Phase

Speaker

Conan Sakamoto

18:25–18:45

Topological susceptibility in isospin-asymmetric QCD**Speaker**

Fynn Kleinehanding

18:25–18:45

Memory effect on the heavy quark dynamics in QGP medium**Speaker**

Jai Prakash

18:25–18:45

Quantum Geometric Correction to Crystalline Color Superconductor**Speaker**

Shuhei Minato

18:25–18:45

Impact of Hexaquark H Particle on Compact Star Properties**Speaker**

Xuhao Wu

18:45