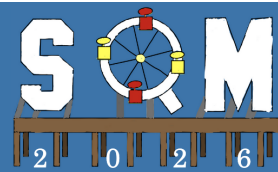


Session Program

22-27 Mar 2026

The 22nd International Conference on
Strangeness in Quark Matter
22-27 March, 2026, Los Angeles, CA



SQM2026

Parallel VII: EoS and Astrophysics

Tuesday 24 March

10:55

Parallel VII: EoS and Astrophysics: 7a

Session | Location: University of California - Los Angeles Los Angeles, California

10:55-11:15

Parameters sensitivity analysis of the Chiral Mean Field Model from Neutron Star Observables

Speaker

Nikolas Cruz Camacho

11:15-11:35

Improved Description of Hot and Dense Hadronic Matter in an Extended Chiral Mean Field Model with Medium-Modified Mesons

Speaker

Rajesh Kumar

11:35-11:55

Exploring nuclear structure and sub-nucleonic geometry with multi-particle correlations in Ne-Ne and OO collisions with ALICE at the LHC

Speaker

Vojtech Machacek

11:55-12:15

Probing of Equation-of-State at High Baryon Density with Baryons and (Hyper)nuclei with the PHQMD Model

Speaker

Yingjie Zhou

12:15-12:35

p-p- Λ Correlation in 3 GeV Au+Au Collisions with the STAR Detector

Speaker

Jing Gu

12:35

Wednesday 25 March

10:55

Parallel VII: EoS and Astrophysics: 7b

Session | **Location:** University of California - Los Angeles Los Angeles, California

11:15-11:35

Strange Quark Matter as Dark Matter

Speaker

Francesco Di Clemente

11:35-11:55

New femtoscopic constraints on the ΣN interaction from pp collisions at $\sqrt{s} = 13.6 \sim \mathrm{TeV}$ with ALICE

Speaker

Henrik Friberg

11:55-12:15

Cosmic Trajectories calculation with state of the art lattice QCD equation of state

Speaker

Lorenzo Formaggio

12:15-12:35

Connecting heavy-ion collisions to strange dense matter in neutron stars

Speaker

Yumu Yang

12:35