

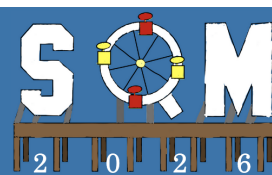
Session Program

22-27 Mar 2026

The 22nd International Conference on

Strangeness in Quark Matter

22-27 March, 2026, Los Angeles, CA



SQM2026

Poster Session

Tuesday 24 March

18:15

Poster Session: I

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

18:15-18:16

Precision Studies of Strangeness Production in Small Collision Systems with ALICE Run 3

Speaker

Anju Bhasin

18:16-18:17

System-size dependence of charged-particle production at both mid and forward pseudorapidity with ALICE

Speaker

Collaboration ALICE

18:17-18:18

New results in Ultra-Peripheral collisions at LHCb

Speaker

Nicolas Schmidt

18:18-18:19

Strangeness Production from Color Field Overlap: Comparing Rope Hadronization and Hydrodynamics

Speaker

Carl Rosenkvist

18:19-18:20

Open heavy flavor studies at the future EIC to probe final-state effects

Speaker

Xuan Li

18:20-18:21

Studies of ϕ -meson production at LHCb

Speaker

Jiazhao Lin

18:21-18:22

Bulk physics in small systems at LHCb

Speaker

Matthew Durham

18:22-18:23

Inclusive J/ψ production at midrapidity in pp collisions at $\sqrt{s} = 5.36 \text{ TeV}$ with ALICE in Run3

Speaker

Hyungjun Lee

18:23-18:24

Event-shape dependent identified particle production in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$ using EPOS4.

Speakers

Fakhar Ul Haider, Muhammad Usman Ashraf, Salman Khurshid Malik

18:24–18:25

Blueball search in pp collisions at $\sqrt{s} = 13.6 \sim \mathrm{TeV}$ with the ALICE detector**Speaker**

Mr Sawan Sawan

18:25–18:26

Production and polarization of the ϕ meson in pp collisions at $\sqrt{s} = 13.6 \sim \mathrm{TeV}$ with ALICE**Speaker**

Kangkan Goswami

18:26–18:27

Measurement of $\Xi(1530)^0$ production in pp collisions with ALICE**Speaker**

Mr Minjae Kim

18:27–18:28

Probing the evolution of light-ion collisions using resonances with ALICE**Speaker**

Sarjeeta Gami

18:28–18:29

Effect of transverse sphericity in (multi-)strange and charged particle production in O-O, Ne-Ne, p-O and p-Ne collisions at RHIC and LHC energies using AMPT**Speakers**

Hafiza Rabia Bashir, Muhammad Usman Ashraf

18:29–18:30

Centrality Dependence of Global and Azimuthal of Λ Hyperon Polarization In heavy-ion collisions**Speaker**

Sahr Alzhrani

18:30–18:31

Measurement of $A > 2$ (anti)nuclei production in pp at $\sqrt{s} = 13.6 \mathrm{TeV}$ by ALICE**Speaker**

Collaboration ALICE

18:31–18:32

Multiplicity dependence of strange hadron production in- and out-of-jets in pp collisions with ALICE**Speaker**

Collaboration ALICE

18:32–18:33

Probing collectivity and quantum number conservation with strange baryon balance function with ALICE at LHC energies**Speaker**

Yash Patley

18:33-18:34

Measurement of the transverse-momentum fraction of (multi-)strange particles in mini-jets and its multiplicity dependence in pp collisions at $\sqrt{s}=13$ TeV with ALICE

Speaker

Lang Xu

18:34-18:35

Bayesian inference of the magnetic components in quark-gluon plasma and predictions for heavy flavor observables

Speaker

Yu Guo

18:35-18:36

ϕ meson production in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.36$ TeV via the dimuon channel with ALICE

Speaker

Kamaljeet Singh

18:36-18:37

Charm-baryon measurements via strangeness tracking with ALICE at the LHC

Speaker

Dr Tiantian Cheng

18:37-18:38

Probing space-time characteristics and collective dynamics of light-ion collisions via femtoscopy with ALICE

Speaker

Collaboration ALICE

18:38-18:39

Event-by-event net-charge fluctuations in pp, OO, Ne-Ne, and Pb-Pb collisions with ALICE at the LHC

Speaker

Nida Malik

18:39-18:40

A Covariant Molecular Dynamics Framework for Relativistic N -Body Systems with both scalar and vector potentials

Speaker

Dr Jiaying Zhao

18:40-18:41

Identified charged particle production in Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV for EPOS4

Speaker

Anju Bhasin

18:41-18:42

Measurement of K^0_{S} in Au+Au Collisions at RHIC BES-II

Speaker

Mr Pranjal Barik

18:42-18:43

Decoupling the collision energy when tracking quantum number balance in small systems at LHC Run 3 with ALICE**Speaker**

Victor Gonzalez

18:43-18:44

Anisotropic flow in ultra-central Pb-Pb collisions at $\sqrt{s_{\mathrm{NN}}}$ = 5.36 TeV with ALICE**Speaker**

Iris Likmeta

18:44-18:45

Insight into Quick Production and Slow Decay of Strange Particles from the New Quantum World of Quarks**Speaker**

Dr Tianxi Zhang

18:45-18:46

System-Size and Nuclear-Structure Effects in Light-Ion Collisions from AMPT at RHIC and LHC Energies**Speakers**

Milan Stojanovic, Muhammad Usman Ashraf

18:46-18:47

Event-by-event mean p_{T} fluctuations in Pb-Pb collisions at LHC Run 3 with ALICE**Speaker**

Sweta Singh

18:47-18:48

Strangeness production at LHCb**Speaker**

Julie Lane Marie Berkey

18:48-18:49

Nuclear equation of state modifications from spacetime structure**Speaker**

Anna Horvath

18:49-18:50

Measurement of the B^{\pm} -meson production cross section in proton-proton collisions at $\sqrt{s}=13.6\text{~TeV}$ with ALICE**Speaker**

Ida Storehaug

18:50-18:51

Search for dark photons in π^0/η Dalitz decays with the STAR detector**Speaker**

Kaifeng Shen

18:51-18:52

Bulk Properties of the medium in Ru+Ru and Zr+Zr Collisions at $\sqrt{s_{\mathrm{NN}}}$ =200 GeV with STAR detector

Speaker

Chun Yuen Tsang

18:52–18:53

Study of multiplicity-dependent $\rho(770)^0$ production in pp collisions at 13.6 TeV with ALICE**Speaker**

Hyunji Lim

18:53–18:54

Observation of the $\Omega(2012)$ baryon at ALICE**Speaker**

Rene Bellwied

18:54–18:55

Measurements of inclusive charmonium production at midrapidity in pp collisions at $\sqrt{s} = 13.6$ TeV with ALICE**Speaker**

Yuan Zhang

18:55–18:56

Measurement of two-particle correlations in proton-proton collisions with sPHENIX**Speaker**

Yuko Sekiguchi

18:56–18:57

Measurement of the azimuthal correlation of \mathbf{D}^0 mesons with charged particles in pp collisions at $\sqrt{s} = 13.6$ TeV with ALICE**Speaker**

Swapnesh Khade

18:57–18:58

Probing the properties of the quark-gluon plasma through radial and anisotropic flow correlations across collision systems with CMS**Speaker**

Aryaa Dattamunsi

18:58–18:59

 $\pi/K/p/\phi$ flow in O+O and d+Au collisions**Speaker**

Souvik Paul

18:59–19:00

Measurements of $\Sigma_{\mathrm{c}}^{0,++}$ (2455, 2520) baryon productions in proton-proton collisions with ALICE**Speaker**

Mr Mingyu Zhang

19:00–19:01

 J/ψ production as a function of event activity in $pp+pp$ collisions at $\sqrt{s}=510$ GeV at STAR**Speaker**

Brennan Schaefer

19:01-19:02

J/\psi azimuthal anisotropy measurement in pp collisions at $\sqrt{s}=13.6$ TeV with ALICE**Speaker**

Senjie Zhu

19:02-19:03

sPHENIX measurements of bulk properties of Au+Au collisions**Speaker**

sPHENIX Collaboration

19:03-19:04

Measurement of thermal radiations in Au+Au collisions at 200 GeV by PHENIX**Speaker**

Mariia Mitrankova

19:04-19:05

Measurement of the hypertriton relative branching ratio with ALICE**Speaker**

Carolina Jauch

19:05-19:06

Accessing the shape of cluster pattern in $\sqrt{s_{NN}}=2.76$ TeV and $\sqrt{s_{NN}}=2.41$ TeV Au collisions from STAR experiment**Speaker**

Zaining Wang

19:06-19:07

Anisotropic Flow of Identified Hadrons in O+O Collisions at $\sqrt{s_{NN}}=200$ GeV**Speaker**

Mr Santanu Prodhon

19:07-19:08

Study of charge and baryon transport in O+O and Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV with STAR experiment**Speaker**

Wendi Lu

19:08-19:09

Measurement of coherent K^+K^- photoproduction in Au+Au ultra-peripheral collisions at $\sqrt{s_{NN}}=200\sim 276$ GeV with the STAR detector**Speaker**

Luobing Wang

19:09-19:10

Measurements of elliptic flow and local polarization of Λ hyperons with event shape engineering in 19.6 GeV Au+Au collisions at RHIC-STAR**Speaker**

Taiti Kondo

19:10-19:11

 Ω_c^0 production vs. multiplicity in proton-proton collisions at $\sqrt{s}=13.6$ TeV with ALICE

Speaker

Maria Fernanda Torres Cabrera

19:11–19:12

Xic0 production as a function of multiplicity by XicZeroToPiXi in pp collision at $\sqrt{s}=13.6$ TeV with ALICE**Speaker**

Tao Fang

19:12–19:13

The first energy-dependent measurement of coherent ρ^0 photoproduction in PbPb UPCs with CMS**Speaker**

Ms Pranjali Verma

19:13–19:14

Search for Exotic Particles in Multi-Prong Central Exclusive Production in pp Collisions at the STAR Experiment**Speaker**

Aranya Giri

19:15–19:16

Finite-Temperature CMF-HRG Equation of State within MUSES**Speaker**

Joaquin Grefa

19:16–19:17

From collective flow to hadronization dynamics: Tracing soft-to-hard interplay with the radial-flow fluctuations $v_0(p_T)$ **Speaker**

Lipei Du

19:17–19:18

Unlocking the Thermal Secrets of High-Energy Collisions with Non-Extensive Thermodynamics**Speaker**

Gergely Barnafoldi

19:18–19:19

Unveiling the Secrets of Nuclear Structure: Alpha-Clustering and Collective Flow in Collisions of Small systems at LHC Energies**Speaker**

Gergely Barnafoldi

19:21–19:22

Probing strongly-interacting nuclear matter in ultra-peripheral Pb+Pb collisions with ATLAS**Speaker**

Soumya Mohapatra

19:22–19:23

Canonical statistical hadronization with local charge conservation**Speaker**

Volodymyr Kuznietsov

19:23–19:24

Imaging Freeze-Out Sources and Extracting Strong Interaction Parameters in Relativistic Heavy-Ion Collisions**Speaker**

Junhuai Xu

19:24–19:25

 $\chi_c^{0,+}$ in pp collisions at $\sqrt{s}=5.36$ TeV with the ALICE Experiment**Speaker**

Krista Lizbeth Smith

19:25–19:26

Measurement of flow of $\mathrm{K}^{\pm}(892)$ in Pb--Pb collisions at $\sqrt{s_{\mathrm{NN}}}=5.36$ TeV with ALICE**Speaker**

Su-Jeong Ji

19:26–19:27

The underlying event and global event-structure observables in p+p collisions at STAR**Speaker**

Oliver Matonoha

19:27–19:28

Multi-fluid dynamics at RHIC BES energies with MUFFIN-2.0: baryon stopping to baryon transparency, flow and first conclusions from the modelling**Speaker**

Dr Iurii Karpenko

19:28–19:29

Eigen-microstate Signatures of Criticality in Relativistic Heavy-Ion Collisions**Speaker**

Yuanfang Wu

19:29–19:30

Measurement of $\text{f}_0(980)$ resonance production in pp collisions at $\sqrt{s} = 13.6$, TeV with ALICE**Speaker**

Yunseul Bae

19:30–19:31

Engineering the shapes of quark-gluon plasma droplets by comparing anisotropic flow in small symmetric and asymmetric collision systems**Speaker**

Chunjian Zhang

20:15

Wednesday 25 March

14:00

16:00

Poster Session: II

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