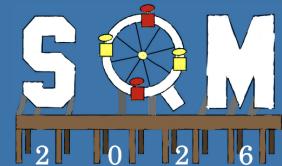


Session Program

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 \mathcal{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

Glueball search in pp collisions at $\sqrt{s} = 13.6 \text{ TeV}$ with the ALICE detector

Speaker

Mr Sawan Sawan

18:25-18:26

Production and polarization of the ϕ meson in pp collisions at $\sqrt{s} = 13.6 \text{ TeV}$ 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 spherocity 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 $\sqrt{s} = 13.6 \text{ TeV}$ 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 $\sqrt{s_{\text{NN}}} = 5.36$ 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, O-O, 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 Jiaxing Zhao

18:40-18:41

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

Speaker

Anju Bhasin

18:41-18:42

Measurement of $K^{*0,\pm}$ 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 $\sqrt{s_{\text{NN}}} = 5.36 \text{ TeV}$ 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 \mathbf{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 $\sqrt{s_{\text{NN}}} = 200 \text{ GeV}$ 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 $\rm{D^0}$ 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 $\Sigma_c^{0,++}$ (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 $p+p$ collisions at $\sqrt{s}=510$ GeV at STAR**Speaker**

Brennan Schaefer

19:01-19:02

J/ψ 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 $^{16}\text{O} + ^{16}\text{O}$ and $d + \text{Au}$ collisions from STAR experiment**Speaker**

Zaining Wang

19:06-19:07

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

Mr Santanu Prodhan

19:07-19:08

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

Wendi Lu

19:08-19:09

Measurement of coherent $K^+ K^-$ photoproduction in Au+Au ultra-peripheral collisions at $\sqrt{s_{\text{NN}}} = 200$ 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 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 Pranjal 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 Kuznetsov

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

$\text{\Xi}_c^{0,+}$ 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 K^{\pm} in Pb--Pb collisions at $\sqrt{s}_{\text{NN}} = 5.36$ 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 $f_0(980)$ 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

Poster Session: II

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

16:00