



# Strangeness in Quark Matter 2024 (SQM 2024)

## mardi 4 juin 2024

### Track1-LF - Room Madrid (08:30 - 10:10)

-Présidents de session: Huan Huang

time	[id] title	presenter
08:30	[147] Disoriented Isospin Condensates as source of anomalous kaon correlations at LHC	SINGH, Mayank
08:50	[291] Large isospin symmetry breaking in kaon production at high energies	GIACOSA, Francesco
09:10	[87] Investigating the nature of the $K^*_0(700)$ state with $\pi^+p \rightarrow K^*_0 S^+$ correlations with ALICE at the LHC	HUMANIC, Thomas
09:30	[148] Production of $\Sigma$ baryons as a function of multiplicity in pp collisions at the LHC with ALICE	GORDEEV, Pavel
09:50	[206] A Deep Learning Based Estimator for Light Flavour Elliptic Flow in Heavy Ion Collisions at RHIC and LHC Energies	BARNAFOLDI, Gergely

### Track1-LF - Room Madrid (10:40 - 12:20)

-Présidents de session: Domenico Elia

time	[id] title	presenter
10:40	[153] Testing CPT symmetry with multistrange baryons mass precision measurements with ALICE	SCHOTTER, Romain
11:00	[243] Scaling Properties of $\phi$ -Meson and Light Charged Hadron Production in Small and Large Systems at PHENIX	Dr NOUICER FOR THE PHENIX COLLABORATION, Rachid
11:20	[146] Measuring the system size dependence of the strangeness production with ALICE	NEPEIVODA, Roman
11:40	[133] Strangeness production in $pp$ and $pPb$ collisions at LHCb	LANDESA GOMEZ, Clara
12:00	[154] Studying (multi-)strange hadron angular correlation with associated particles and their production with event topology using the ALICE detector	DE MARTIN, Chiara

### Track1-LF - Room Madrid (16:30 - 18:10)

-Présidents de session: Alexander Philipp Kalweit

time	[id] title	presenter
16:30	[407] First physics measurements in Au+Au collisions from sPHENIX at RHIC	MCLAUGHLIN, Emma
16:50	[114] Charged-particle production in pp collisions at 13.6 TeV and Pb-Pb collisions at 5.36 TeV with ALICE	KIM, Beomkyu
17:10	[135] Ultra-peripheral collisions at LHCb	LI, Hengne
17:30	[110] Production of light and strange particles as a function of the underlying event activity in small and large collision systems with ALICE	MATONOHA, Oliver
17:50	[151] Light-flavour particle production as a function of transverse sphericity with ALICE	NASSIRPOUR, Adrian

# mercredi 5 juin 2024

## Track1-LF - Room Madrid (08:30 - 10:10)

-Présidents de session: Rene Bellwied

time	[id] title	presenter
08:30	[88] Novel constraints for the multi-strange meson-baryon interaction using correlation measurements with ALICE	MANTOVANI SARTI, Valentina
08:50	[162] p- $\phi$ femtoscopic correlation analysis using a dynamical model	KUROKI, Kenshi
09:10	[165] Measurement of Proton- $\Xi^{-}$ Correlation Function in Isobar Collisions at $\sqrt{s_{\mathrm{NN}}} = 200$ GeV with the STAR Detector	FU, Boyang
09:30	[85] Differential measurement of the common particle emitting source using p-p and p- $\Lambda$ correlations in pp collisions at 13.6 TeV with ALICE	RIEDEL, Anton
09:50	[101] Measurement of strange baryon production in charged-particle jets in pp and p-Pb collisions with ALICE	VAN WEELDEN, Gjis

## Track1-LF - Room Madrid (10:40 - 12:20)

-Présidents de session: Katarzyna Grebieszkow

time	[id] title	presenter
10:40	[266] Analysis of charged kaon flow in Ag+Ag collisions registered with HADES	ORLIŃSKI, Jan
11:00	[132] Strangeness production in fixed-target collisions at LHCb	LUCARELLI, Chiara
11:20	[219] Dependence of net-hyperon production at mid-rapidity on beam energy and its implication on baryon number carrier	TSANG, Chun Yuen
11:40	[188] Strange Hadron Production at High Baryon Density	LI, Hongcan
12:00	[178] Measurement of charged and neutral kaons in Ar+Sc collisions at NA61/SHINE experiment	ŠUŠA, Tatjana