

Strangeness in Quark Matter 2024 (SQM 2024)

mardi 4 juin 2024

Track2-HF&Q - Room Rome (08:30 - 10:10)

-Présidents de session: Joerg Aichelin

time	[id] title	presenter
08:30	[315] Heavy Flavour Energy Loss in Small and Large Systems	FARADAY, Coleridge
08:50	[126] Mass hierarchy of heavy quark energy loss within a perturbative-non-perturbative transport model	DANG, Yichao
09:10	[209] Charm and Bottom hadron production with a coalescence plus fragmentation hadronization approach: AA system size scan down to pp collisions	Prof. PLUMARI, Salvatore
09:30	[96] Investigation of charm-quark hadronisation into baryons in hadronic collisions with ALICE	CHO, JaeYoon
09:50	[235] Investigating Bottom Quark Energy Loss, Hadronization, and \mathcal{B} Meson Nuclear Modification Factors in \mathcal{B}^+ and \mathcal{B}_s^0 Decays: Insights from CMS in pp, pPb, and PbPb Collisions	MEJIA GUISAO, Jhovanny Andres MEJIA GUISAO, Jhovanny Andres

Track2-HF&Q - Room Rome (10:40 - 12:20)

-Présidents de session: Marianna Mazzilli

time	[id] title	presenter
10:40	[180] First $D^0 + \overline{D^0}$ measurement in heavy-ion collisions at SPS energies with NA61/SHINE	MERZLAYA, Anastasia
11:00	[95] The role of strangeness in heavy-quark hadronisation from small to large collision systems with ALICE	FAGGIN, Mattia
11:20	[134] Open heavy flavor production at LHCb	WANG, Jianqiao
11:40	[217] A potential approach to the X(3872) thermal behaviour	ESCOBEDO ESPINOSA, Miguel Angel
12:00	[164] Flavor hierarchy of parton energy loss in quark-gluon plasma from a Bayesian analysis	XING, Wen-Jing

Track2-HF&Q - Room Rome (14:00 - 16:00)

-Présidents de session: Roberta Araldi

time	[id] title	presenter
14:00	[70] Quarkonium production in pp and heavy-ion collisions	Dr SONG, Taesoo
14:20	[246] Quarkonium dynamics in the quantum Brownian regime with non-abelian quantum master equations	DELORME, Stéphane
14:40	[227] Observation of double J/ψ production in pPb collisions with CMS	LEONTSINIS, Stefanos
15:00	[115] Investigating the interplay between initial hard processes and final-state effects measuring prompt and non-prompt J/ψ with ALICE	COQUET, Maurice

15:20	[226] Detailed study of the production of Υ mesons in PbPb collisions with CMS	RANJAN PUJAHARI, Prabhat
15:40	[131] Recent conventional and exotic charmonia results from LHCb	KANG, Youen

Track2-HF&Q - Room Rome (16:30 - 18:10)

-Présidents de session: Zebo Tang

time	[id] title	presenter
16:30	[214] Simulating Charm Quarks in IP-Glasma Initial Stage and Quark-Gluon Plasma: A Hybrid Approach for charm quark phenomenology	KURIAN, Manu
16:50	[233] Probing a new regime of ultra-dense gluonic matter using high-energy photons with the CMS experiment	VERMA, Pranjal
17:10	[197] [*] First measurement of heavy flavour femtoscopy using D^0 mesons and charged hadrons in Au+Au collisions at $\sqrt{s_{NN}} = 200\text{--}GeV$ by STAR	ROY CHOWDHURY, Priyanka
17:30	[228] Examination of final-state effects in pPb collisions via measurements of the multiplicity dependence of charm hadron production with CMS	BATY, Austin
17:50	[236] Study of charm quark and QGP medium interactions via Λ_c^+ and D^0 production and collective flow in the CMS	CHANDRA, Soumik

mercredi 5 juin 2024**Track2-HF&Q - Room Rome (08:30 - 10:10)****-Présidents de session: Rachid Guernane; Rachid GUERNANE**

time	[id] title	presenter
08:30	[248] Measurement of $\sqrt{s_{NN}} = 200$ GeV $\sqrt{s_{NN}}$ Meson Tagged Jets in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV	LOMICKÝ, Ondřej
08:50	[94] Study of charm fragmentation with charm meson and baryon angular correlation measurements with ALICE	PALASCIANO, Antonio
09:10	[199] R_{AA} and v_n : relativistic transport approach for charm and bottom toward a more solid phenomenological determination of $D_s(T)$	SAMBATARO, Maria Lucia
09:30	[258] Forward rapidity elliptic flow measurements in PHENIX Au+Au collisions at 200 GeV	BICHON III, Luis

Track2-HF&Q - Room Rome (10:40 - 12:20)**-Présidents de session: Antonio Uras**

time	[id] title	presenter
10:40	[111] J/ψ photoproduction and polarization in peripheral Pb-Pb collisions with ALICE	MALLICK, Dukhishyam
11:00	[100] Study of charm and beauty production in hadronic collisions via muon measurements at forward rapidity with ALICE	ZHANG, Maolin
11:20	[281] Heavy flavor production under a strong magnetic field	CHEN, Shile
11:40	[262] Prospects for heavy flavor physics and commissioning of the tracking system in Run-24 with sPHENIX at RHIC	HUANG, Huan
12:00	[311] Prospects for open heavy-flavour and quarkonium measurements with NA60+	ARNALDI, Roberta