

Session Program

21-26 Jun 2026



13th International Conference on Hard and Electromagnetic Probes of High-Energy Nuclear Collisions

Parallels: Small and Intermediate system

Vanderbilt University

Tuesday 23 June

08:30

Parallels: Small and Intermediate system

Session | **Location:** Buttrick 101, Session helpers - Kyle Devereaux and Lipei Du | **Convener:** Weiyao Ke

08:30-08:50

Investigating the nature of cosmic rays through charged hadron production in p+O collisions at ATLAS

Speaker

Patrik Novotny

08:50-09:10

Jet-like dihadron correlations in pO, OO, and Ne-Ne collisions with ALICE

Speaker

Joonsuk Bae

09:10-09:30

Measurement of charged particle nuclear modification factor in OO and study of nPDF effects using pO collisions

Speaker

Vipul Pant

09:30-09:50

Neutral pion nuclear modification factor in OO and pO collisions

Speaker

Nicolas Strangmann

09:50

10:20

Parallels: Small and Intermediate system

Session | **Location:** Buttrick 101, Session helpers - Sharelle Yazzie and Jenn James | **Convener:** Anne Marie Sickles

10:20-10:40

Probing jet-hadrochemistry modifications with measurements of identified particles in jets and the underlying event in pp and Pb--Pb collisions with ALICE

Speaker

Sierra Cantway

10:40-11:00

Multiplicity-dependent strangeness production in and out-of-jets in pp and OO collisions with ALICE

Speaker

Mr Alberto Caliva

11:00-11:20

Hadron-strangeness correlations as a function of multiplicity in pp and p-Pb collisions with ALICE

Speaker

Lucia Anna Tarasovicova

11:20-11:40

sPHENIX high-statistics measurements of strangeness production in p+p collisions**Speaker**

Hao-Ren Jheng

11:40-12:00

Bridging Vacuum and Dense QCD with Jet and Event Shape from the Electron-Positron Alliance**Speaker**

Yen-Jie Lee

12:00

14:00

Parallels: Small and Intermediate system**Session** | **Location:** Buttrick 101, session helpers - Raghunath Pradhan and Nicolas Strangmann | **Convener:** Yi Chen

14:00-14:20

A Breath of Fresh Air for Molière: Elastic Scatterings in OO Collisions**Speaker**

Arjun Srinivasan Kudinoor

14:20-14:40

Unraveling Jet-medium Interaction with Energy Correlators in Relativistic Oxygen Collisions**Speaker**

Arthur Lin

14:40-15:00

Azimuthal anisotropy of charged particles with transverse momentum up to 50 GeV in OO collisions from the CMS detector**Speaker**

Shengquan Tuo

15:00-15:20

Probing Parton Energy Loss with Dijets and Jet Azimuthal Anisotropies in Light-Ion Collisions with ATLAS**Speaker**

Rafet Kavak

15:20

15:50

Parallels: Small and Intermediate system**Session** | **Location:** Buttrick 101, Session helpers - Nadeem Altamimi and Neelkamal Mallick | **Convener:** Prithwish Tribedy

15:50-16:10

Photon+hadron correlations and probes of collectivity in light ion collisions with ATLAS**Speaker**

Blair Daniel Seidlitz

16:10-16:30

Probing parton energy loss via identified strange hadrons (K^0_S and Λ) in OO collisions at $\sqrt{s_{NN}} = 5.36$ TeV with CMS**Speaker**

Sruthy Jyothi Das

16:30-16:50

Observation of jet quenching in O+O collisions at $\sqrt{s_{\mathrm{NN}}} = 200$ GeV with the STAR experiment at RHIC**Speakers**

Maowu Nie, Dr Maowu Nie

16:50-17:10

Jet Suppression and Azimuthal Anisotropy in O+O Collisions from RHIC to the LHC**Speaker**

Cheng Xu

17:10