

Session Program

8-10 Jan 2025

Hot Jets: Advancing the Understanding of High Temperature QCD with Jets

Afternoon Session

Loomis Lab (UIUC), ICASU seminar room (next to room 230)
University of Illinois Urbana, Illinois

Tuesday 7 January

13:30

Afternoon Session

Session |**Location:** Loomis Lab (UIUC), ICASU seminar room (next to room 230), University of Illinois Urbana, Illinois |**Convener:** Laura Brittany Havener

13:30–14:00

Investigation of medium effects on energy-energy correlation (EEC) in jets within the CoLBT-hydro model.**Speaker**

Zhong Yang

14:00–14:30

Exploring QCD dynamics with charm-tagged jet substructure studies with ALICE**Speaker**

Preeti Dhankher

14:30–15:00

Multipoint Energy Correlators in Heavy Ion Collisions at RHIC Energies from Simulation**Speaker**

Benjamin Kimelman

15:00–15:30

coffee break

15:30–16:00

An EEC Way to See the Interplay Between Elastic Scatterings and Jet Wakes**Speaker**

Arjun Srinivasan Kudinoor

16:00–16:45

Undergraduate presentations

16:45–17:15

Discussion

17:30

Wednesday 8 January

13:30

Afternoon Session

Session |

Location: Loomis Lab (UIUC), ICASU seminar room (next to room 230), University of Illinois Urbana, Illinois |

Convener: Ms Yi Chen

14:00–14:30

Factorized approach for jet production and substructure observables in HICs

Speaker

Dr Balbeer Singh

14:30–15:00

Jets in ATLAS

Speaker

Riccardo Longo

15:00–15:30

coffee break

15:30–16:00

Including a source term in hydrodynamic simulations

Speaker

Kevin Pala

16:00–16:30

Jet Substructure at LHCb

Speaker

Dillon Fitzgerald

16:30–17:00

Discussion

17:30

Thursday 9 January

13:30

Afternoon Session

Session |**Location:** Loomis Lab (UIUC), ICASU seminar room (next to room 230), University of Illinois Urbana, Illinois |**Convener:** Anne Marie Sickles

13:30-14:00

Investigating jet modification in absence of QGP-medium

Speaker

Prottoy Das

14:00-14:20

Calibrated (3+1)D hydrodynamic medium for ultrarelativistic collision physics

Speaker

Andi Mankolli

14:20-14:40

Machine Learning Application in Jet Quenching Analysis

Speaker

Yilun Wu

14:40-15:10

Discussion & Wrap-up

17:30