

Session Program

8-10 Jan 2025

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

Morning Session

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

Tuesday 7 January

09:00

Morning Session

Session |**Location:** Loomis Lab (UIUC), ICASU seminar room (next to room 230), University of Illinois Urbana, Illinois |**Convener:** Prof. Jacquelyn Noronha-Hostler

09:00–09:30

Response of Jets to Collective Flow in Heavy-Ion Collisions

Speaker

Matthew Sievert

09:30–10:00

Quantifying jet quenching and medium response with two particle correlations with PHENIX

Speaker

Anthony Hodges

10:30–11:00

Asymmetric jet shape due to jet-flow interaction

Speaker

Dr Xin-Nian Wang

11:00–11:30

High p_T jets in a charged, viscous medium

Speaker

Isaac Long

11:30–12:00

ML biases in background subtraction to measure jet quenching

Speaker

David Stewart

12:00

Wednesday 8 January

09:00

Morning Session

Session |

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

Convener: Prof. Raghav Kunawalkam Elayavalli

09:00–09:30

Relativistic (a)causality in hydrodynamics and its effect on Bayesian analyses

Speaker

Prof. Matthew William Luzum

09:30–10:00

Jet measurements at STAR

Speaker

Isaac Mooney

10:00–10:30

coffee break

10:30–11:00

Flow Effects on Charged Hadron R_{AA} and v_n in Heavy Ion Collisions

Speaker

Joseph Bahder

11:00–11:30

Jet Drift in Heavy Ion Collisions: Acoplanarity and v_2

Speaker

Mr Hasan Rahman

11:30–12:00

High- p_T physics in the inaugural sPHENIX physics Run-24

Speaker

Tanner Mengel

12:30

Thursday 9 January

09:00

Morning Session

Session |

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

Convener: Anne Marie Sickles

09:00–09:30

Recent multiplicity-based measurements in jet physics

Speaker

Zoltan Varga

09:30–10:00

Jets in pp in ALICE

Speaker

Debjani Banerjee

10:00–10:30

coffee break

10:30–11:00

First D0-tagged jet axes difference measurement in pp collisions at 5.02 TeV with ALICE

Speaker

Emma Rose Yeats

11:00–11:30

Searching for Jet Quenching in High-Multiplicity Proton-Lead Collisions at LHC

Speaker

Dener De Souza Lemos

11:30–12:00

Probing jet hadrochemistry with measurements of π , K, and p in jets and the underlying event in Pb–Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV with ALICE

Speaker

Sierra Cantway

12:00