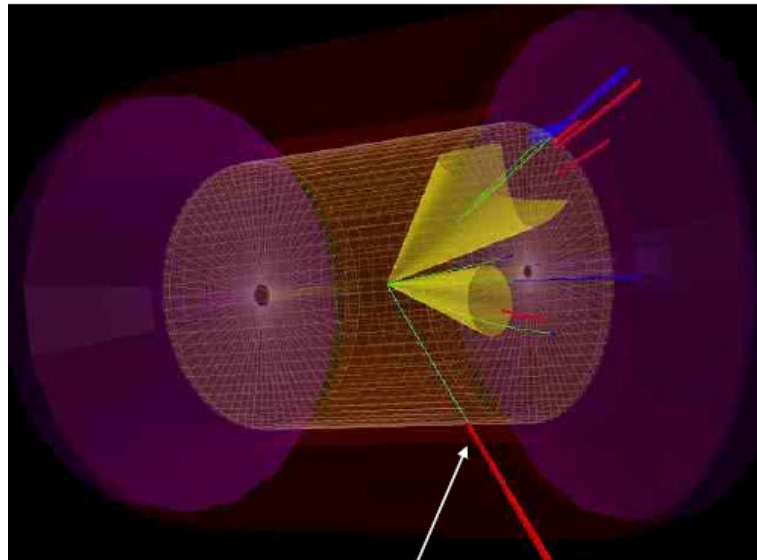


EIC opportunities for Snowmass

CFNS workshop

DAY 3

Jets at the Electron Ion Collider



QCD @ the Snowmass Energy Frontier

Topical Group

- EF05: Precision QCD
- EF06: Hadronic structure and forward QCD
- EF07: Heavy Ions

Conveners

Michael Begel (BNL), Stefan Hoeche(FNAL), Michael Schmitt (Northwestern)

Huey-Wen Lin (MSU), Pavel Nadolsky(SMU), Christophe Royon(Kansas)

Yen-Jie Lee (MIT), Swagato Mukherjee (BNL)

Workshop: EIC Opportunities for Snowmass

Goals:

1. Summarize and document rich opportunities for HEP presented by science at the Electron Ion Collider (EIC) and discussed at Snowmass meetings in 2021
2. Initiate a document that will become a Snowmass Proceedings contribution dedicated to the EIC
3. Identify topics suitable for collaborative studies involving several Snowmass Topical Groups or Snowmass Frontiers

Snowmass Delay

Delay of Snowmass process is now official

- A number of large construction projects based on 2014 P5 recommendations, got delayed due to COVID-19 pandemic. As a result, the original P5 timeline is relaxed.
- **The Snowmass report will be delayed by one year** and the overall schedule for the Snowmass process will be adjusted accordingly.
- The new Snowmass timeline includes:
 - Preliminary Topical Group Reports – Spring 2022
 - Preliminary Frontier Reports – late Spring 2022
 - Snowmass Community Summer Study – Summer 2022 in University of Washington, Seattle
 - Snowmass Book – October 2022
 - The deadline for contributed papers will be delayed but the specific date will be decided by January 2021. Originally scheduled frontier-level Spring 2021 workshops will be moved to later times.
- Please see the announcement in this wiki page:
 - <https://snowmass21.org/announcements>

Plan and EIC workshop this week

- Since a large part of the development is connected to the timeline for EIC Yellow Report, we proceed with this important EIC Workshop to take a snapshot of the status
- The new Snowmass schedule could have possible overlap with the preparation for the Nuclear Physics Long Range Plan (timeline unknown)
- Our goal is to finish ~80% of the ground works while take advantage of the new timeline for further developments and updates.
- We have 5 days of workshop this week: 11AM – 3 PM Eastern Time
 - Monday: EW & BSM Physics
 - Tuesday: Hadron Tomography at EIC and HEP
 - Wednesday: Jets at EIC
 - Thursday: Gluon Saturation at EIC
 - Friday: Heavy Flavor at EIC

I wish you to have a productive session!