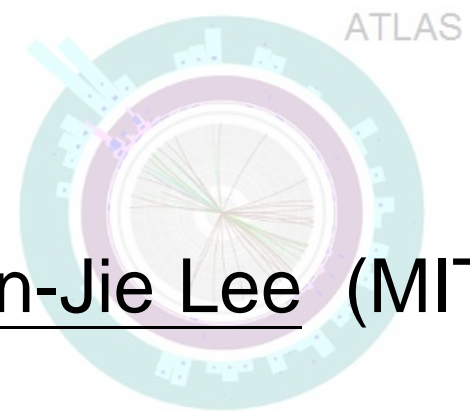
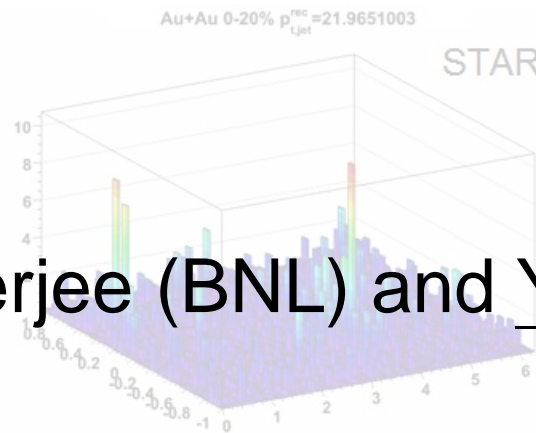
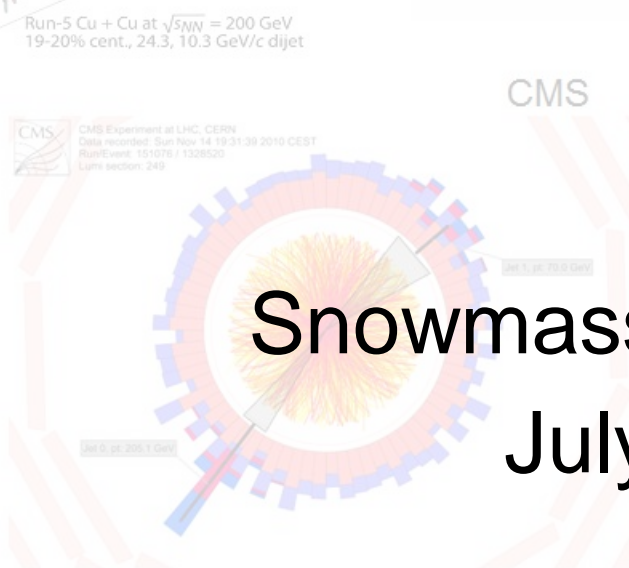


EF07: Heavy Ions



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



Snowmass EF07 Meeting
July 1, 2020



EF July Workshop

- **GOAL -- discuss open questions and new ideas.**
- Taking into consideration feedback we received from you on content, structure, and dates we developed the following structure:
 - **Joint Accelerator-Energy Frontier workshops, [June 24](#), [July 1](#)**
 - Accelerator expert talks for EF physicists (intros to machines, machine params., Q&A time). Baseline for the EF studies.
 - 1) **[Preparatory EF TG Joint Session, July 7-8](#)**
 - 4 sessions jointly arranged with different groupings of TGs.
 - Short presentations (~5min) by speakers from the community.
 - 'Offline Flash Talks' option for those who cannot connect.
 - 1) **[EF Workshop, July 20-22](#)**
 - 2-3 hours in mornings, 1.5-3 hours in afternoons.
 - Mostly Plenary sessions.
 - Parallel sessions on day 2 (focused on discussion).

EF Preparatory Joint Session

- Parallel sessions: July 7, 8
 - Joint BSM session: July 7 afternoon (joint with EF8,9,10,12)
 - Joint Higgs/EWK session, July 8 morning (joint with EF1,2,3,4)
 - Joint QCD session: July 8 afternoon (joint with EF 5, 6)
- <https://indico.fnal.gov/event/43959/overview>

EF Workshop, July 20-22

- Mostly invited plenary talks focusing on big picture and machine options
 - <http://indico.fnal.gov/event/43963/>
- Day 2: July 21:
 - Time block for QCD parallel session (we are joint with EF5,6)
 - This parallel session is imagined to be a summary of working group activities and discussion of future plans

EF07 Meetings

- May 27: Kickoff meeting
- June 24: Higgs and BSM in Heavy Ion Collisions
- **Today: July 1: EF07: Heavy Flavor Physics with High Multiplicity pp and Heavy Ion Collisions**
- Next: Jet and Jet substructure (7/15, TBC)

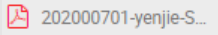
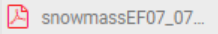
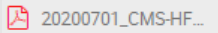
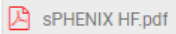
Agenda Today

EF07: Heavy Flavor Physics with High Multiplicity pp and Heavy Ion Collisions

Wednesday Jul 1, 2020, 9:00 AM → 10:00 PM US/Eastern

Description Zoom meeting room:

<https://mit.zoom.us/j/93875973055?pwd=Um54SUZSZHJGbGpJSkF4ckc0U0t2UT09>

- | | | | |
|---|------------|--|-----|
| 9:00 AM | → 9:05 AM | News | 5m |
| Speakers: Swagato Mukherjee (BNL), Yen-Jie Lee (Massachusetts Institute of Technology) | | | |
|  | | | |
| 9:05 AM | → 9:20 AM | Heavy Flavor Physics with ALICE | 15m |
| Speaker: Gian Michelle Innocenti (CERN) | | | |
| 9:20 AM | → 9:35 AM | Heavy Flavor Physics with ATLAS | 15m |
| Speaker: Qipeng Hu (University of Colorado Boulder) | | | |
|  | | | |
| 9:35 AM | → 9:50 AM | Heavy Flavor Physics with CMS | 15m |
| Speakers: Jing Wang (Massachusetts Institute of Technology), Jing Wang | | | |
|  | | | |
| 9:50 AM | → 10:05 AM | Heavy Flavor Physics with STAR | 15m |
| Speaker: Xin Dong (Lawrence Berkeley National Laboratory) | | | |
| 10:05 AM | → 10:20 AM | Heavy Flavor Physics with sPHENIX | 15m |
| Speaker: Jin Huang (Brookhaven National Lab) | | | |
|  | | | |
| 10:20 AM | → 10:30 AM | Discussion | 10m |