

## Hadron production in UPC and pp/pA collisions

Fragmentation studies, baryon asymmetry in UPC, forward baryons in pp/pA, ZDC and forward spectrometer plans

9:00 AM → 9:10 AM **Introduction to topics**

Speaker: Organizers

9:10 AM → 9:40 AM **Fragmentation studies in UPC and pp/pA**

Speaker: Mark Strikman (Penn State University)

9:40 AM → 10:10 AM **Baryon asymmetry in inclusive gamma-A interactions at RHIC**

Speaker: Prithwish Tribedy (BNL)

10:10 AM → 10:40 AM **ZDC capabilities and upgrade plans at CMS and ATLAS**

Speaker: Quan Wang (University of Kansas)

10:40 AM → 10:50 AM

Break

10:50 AM → 11:20 AM **Leading protons and neutrons in pA at ALICE**

Speaker: Chiara Oppedisano (INFN Torino & Cagliari U.)

11:20 AM → 11:50 AM **Forward hadron spectrometer ideas for LHC**

Speaker: Michael Albrow (FNAL)

11:50 AM → 12:20 PM **Discussion: Forward instrumentation / Fragmentation physics in UPC and pp/pA**

12:20 PM → 12:50 PM

Break

## Target fragmentation in DIS

Existing data and lessons, JLab12 and beyond, EIC, QCD factorization, SCET

12:50 PM → 1:20 PM **Review of DIS target fragmentation data**

Speaker: Christian Weiss (Jefferson Lab)

1:20 PM → 1:50 PM **Target fragmentation in eN at JLab12 and beyond**

Speaker: Harut Avagyan (Jefferson Lab)

1:50 PM → 2:10 PM **Discussion: Target fragmentation in DIS**

2:10 PM → 2:20 PM

Break

2:20 PM → 2:50 PM **QCD factorization in target fragmentation**

Speaker: Ted Rogers (Old Dominion University/Jefferson Lab)

2:50 PM → 3:20 PM **Soft-Collinear Effective Theory and target fragmentation**

Speaker: Dr Yang-Ting Chien (Georgia State University)

3:20 PM → 4:40 PM **Discussion: Target fragmentation physics in DIS and pp/pA**