CLAS Collaboration Meeting

Kyungseon JOO for the CLAS Collaboration

March 24-25, 2020



Collaboration Meetings during CoVid-19

- We will have shorter (two-day) collaboration meetings, but more frequent/focused meetings until things are resolved.
- March collaboration meeting with two-day morning sessions via BlueJeans
 - Software updates
 - Run-group updates (RG-A, RG-B and RG-K)
 - First CLAS12 publication
 - CLAS12 new proposal
 - New member institutions
- Next collaboration meeting will be held on April 28-29, 2020.
 - Similar format but focused more towards physics.
- This cycle will continue until things are resolved.

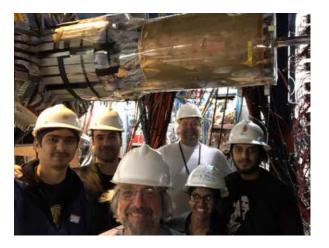


Since last collaboration meeting

- RG-B
 - 10.4 GeV beam on D₂ target
 - 43% of the 90 approved PAC days

- RG-F (BONUS)
 - 10.4 GeV beam on D₂ target
 - 40% of scheduled beam time.







RG-A Pass1 Review for First Publication

- Pass1 Review took place on Feburary 28th and follow-up review on March 9th.
 - Detailed planning and preparatory work to guarantee the quality of the output data.
 - Committee authorized the start of pass1 for the inbending data set
 - 2nd follow-up review for the outbending data set will be held in the near future.
- Data processing for inbending data set started on March 20th.
- Similar reviews will be held for RG-B and RG-K before RG-A data processing is done.



- Nick Markov et al., "Inclusive electroproduction with CLAS12 and the nucleon structure in the valence quark domain"
- Stefan Diehl et al., "SIDIS single-hadron Beam Spin Asymmetries"
- Christopher Dilks et al., "SIDIS di-hadron Beam Spin Asymmetries"
- Other analyses
- Review Committees for first publication will be formed.
 - To follow the development of Run Group analysis procedures from the early stages
 - To review an individual physics analysis



- Richard Milner, "Status of Consideration of Polarized 3He Target in CLAS12," the 2019 November collaboration meeting
- Dien Thi Nguyen et al., "Inclusive DIS and SIDIS measurement on polarized 3He in CLAS12"
- Francois-Xavier Girod et al., "Exclusive process measurement on polarized 3He in CLAS12"
- Plan to submit a new proposal to PAC.



New Membership Applications

- Application for CLAS membership by new Institutions:
 - U. Giessen presented by K.-Th. Brinkmann.
 - U. of California at Riverside presented by Miguel Arratia.
- Procedure:
 - Presentation of the group, research interests, current and future plans, software and hardware contributions, ... to the Collaboration for open discussion
 - Application to be discussed (and approved) by the CLAS Coordinating Committee (CCC)
 - New Institution members can apply for Term membership





Let's work together as one collaboration and support each other to make great achievements.



Tuesday, March 24, 2020