

CLAS Collaboration Meeting November 2019

Hadron Spectroscopy Working Group

Bryan McKinnon
University of Glasgow

Thursday, November 14, 2019



Agenda

08:30 - 10:00

Hadron Spectroscopy Working Group

<https://bluejeans.com/870559854>

Convener: Dr. Bryan McKinnon (University of Glasgow)

Location: L102

08:30 **HSWG Business 10'**

Speaker: Dr. Bryan McKinnon (University of Glasgow)

08:40 **JPAC Update 30'**

Speaker: Dr. Lukasz Bibrzycki (Pedagogical University of Cracow)

09:10 **g12 Trigger Efficiency 20'**

Speaker: Ken Hicks (Ohio University)

09:30 **Photoproduction of Lambda* 15'**

Speaker: Utsav Shrestha (Ohio University)

09:45 **Update on Lambda-Nucleon Scattering 15'**

Speaker: Mr. Joey Rowley (Ohio University)

10:30 - 12:00

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Location: L102

10:30 **Beam Spin Asymmetries from ep->epi(0) in the resonance region 20'**

Speaker: Dr. Evgeny Isupov (Moscow State University)

10:50 **Helicity Asymmetry E for gamm-p->pi(0)p from FROST 15'**

Speaker: Mr. Chan Kim (GWU)

11:05 **Polarization observables P, C(x), and C(z) for the reaction K(0)Sigma(+) from g12 plus XSec issues 20'**

Speakers: Mr. Frank Gonzalez (FSU), Prof. Volker Crede (Florida State University)

11:25 **Analysis of K(0)Sigma(+) photoproduction off the proton 15'**

Speaker: Mrs. Louise Clark (University of Glasgow)

11:40 **HSWG Business 20'**

Speaker: Dr. Bryan McKinnon (University of Glasgow)

Business Updates

- Since the last meeting:
 - JPAC-HS meeting (future support planning) September
 - DNP approvals October
 - See HSWG wiki for presentations from both and DNP release notes
 - “wiki in the wild” has been tamed and is now behind CUE
 - Reviews (more later)
 - FROST run group meeting to review Chan Kim analysis
 - CLAS(6) run-groups are not disbanded (more later)
- First (or soon after) publication: review and process
 - We need to get organised

Analysis Review Status Updates

- **Complete**

- **G Double-Polarization 4 Observable for the Reaction $\gamma p \rightarrow \pi^+ n$ and $\gamma p \rightarrow \pi^0 p$ from g9 (Frost) Data**
 - **Nicholas Zachariou**
 - **RC:** Steffen Strauch (Chair), Daria Sokhan , Philip Cole
 - **June – October 2019**
- **Analysis of the reaction $\gamma p \rightarrow p \eta \pi^0$ from g12 data set**
 - **Andrea Celentano**
 - **RC:** Lei Guo (Chair), Nicholas Zachariou , Eugene Pasyuk
 - **July – October 2019**
- **Photoproduction of 3π with CLAS g12**
 - **Paul Eugenio**
 - **RC:** Derek Glazier (Chair), Alessandra Filippi , Michael Dugger
 - **April 2017 – July 2019**

- **New**

- **Quasi-free cross section measurements for the $\pi^+ \pi^-$ electroproduction off the proton in deuterium**
 - **Iuliia Skorodumina**
 - **RC:** Douglas MacGregor (Chair), Nikolay Markov , James Ritman
 - **September 2019**

Analysis Review Status Updates

- In Progress

- **Polarization observables H and P from the reaction $\gamma p \rightarrow \pi^+ n$**
 - Michael Dugger
 - **RC:** Annalisa D'Angelo (Chair), Mikhail Bashkanov , Evgeny Golovach
 - **April 2019 – Committee working on response - soon**
- **Exclusive π^- Electroproduction off the Neutron in Deuterium in the Resonance Region**
 - Ye Tian
 - **RC:** Nikolay Markov (Chair), Mikhail Bashkanov , Eugene Isupov
 - **April 2017 ??**
- **Dalitz Plot Analysis of η' to $\eta \pi^+ \pi^-$ from CLAS g12 Data Set**
 - Sudeep Ghosh
 - **RC:** Volker Crede (Chair), Alessandro Rizzo , Eugene Pasyuk
 - **July 2017 – Sudeep indicates to continue – provide updated note in a short time**

Business Updates

From Nick Zachariou

HSWG Reps: Annalisa D'Angelo, Lei Guo

CLAS Speakers Committee

What do we do?

Our main role is to supervise and promote an accurate and broad dissemination of results to the scientific community by talks from members of the CLAS Collaboration.

What do **you** need to do?

- All **Invited** talks need to be **Approved** by the CSC committee
- CLAS Members need to **Notify** CSC for **Contributed** talks, for **Invited seminars**, or **Posters**
- For **General** talks in which 50% of the slides or less are CLAS related members need to **Notify** CSC
- All **Proceedings** need to be submitted to CSC for review and approval at least 1 week before the submission deadline

The notification and approval requests are done using the [SHIFTBOT](#) Interface

For any issues or clarifications you can contact CSC directly: csc@jlab.org

More information can be found on our [wiki page](#)

Business Updates

- HSWG conference calls to start-up again
- Reviews require run group approval including CLAS(6)
- Early oversight of analyses – Let's start this
- Analysis list updates

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