



Hall A CC Business

Nathaly Santiesteban
on behalf of Hall A CC



February 10, 2022

Hall A Winter Meeting Overview

Thursday, February 10

- Lab and accelerator updates
- Software & computing update
- Recent/imminent physics releases
- Instrumentation
- Special theory talk:
Isospin dependence/Off-shell
effects by Alberto Accardi
- Remembering Javier Gomez
Cynthia Keppel
Patrizia Rossi
Makis Petratos
Mina Katramatou

Friday, February 11

- Analysis reports
- Future experiments
- Special student and postdoc
lunch seminar
EIC update by Douglas Higinbotham

Reminders



Mute microphone



Raise your hand to ask questions or write them in the chat

Reminders

- **Register to the meeting (Participants and Speakers)**

https://misportal.jlab.org/UI/conferences/generic_conference/registration.cfm?conference_id=COLLAB-HALLA-FEB22

- **Upload the slides to the indico page (Speakers)**

<https://indico.jlab.org/event/503/>

Talks will be recorded unless asked otherwise by the speaker.

Hall A coordinating committee

Present Members

Nathaly Santiesteban (UNH) chair

Florian Hauenstein (JLab) Secretary

Shujie Li (Berkeley Lab)

Peter Monaghan(CNU)

Elected Summer 2020 (outgoing Summer 2022)

Elected Summer 2020 (outgoing Summer 2022)

Elected Summer 2021 (outgoing Summer 2023)

Elected Summer 2021 (outgoing Summer 2023)

Spring elections for 2 new members (2022 - 2024)

Hall A coordinating committee elections

- Members serve 2 years
- Elections for 2 new members Spring 2022
- New members announced Summer Hall A/C meeting 2022
- Transition immediately after Summer Hall A/C meeting 2022

Please send us your nominees

Publications and paper releases

Published:

Zhao, S., Camsonne, A., Marchand, D. et al. Double deeply virtual Compton scattering with positron beams at SoLID. Eur. Phys. J. A 57, 240 (2021). <https://doi.org/10.1140>

M. Dlamini et al. (**Jefferson Lab Hall A Collaboration**) Deep Exclusive Electroproduction of π^0 at High Q^2 in the Quark Valence Regime, Phys. Rev. Lett. 127, 152301 – Published 5 October 2021

Nguyen, D., Carmel Neuburger, Reynier Cruz-Torres, A. Schmidt, Douglas W. Higinbotham, Julian Kahlbow, Peter Monaghan, Eliezer Piasetzky and O. Hen. “Search for a bound di-neutron by comparing $^3\text{He}(e,e'p)d$ and $^3\text{H}(e,e'p)X$ measurements.” (2021).

K N Suzuki et al. (**Jefferson Lab Hall A Collaboration**) . The cross-section measurement for the $^3\text{H}(e, e'K^+)nn\Lambda$ reaction, Progress of Theoretical and Experimental Physics, Volume 2022, Issue 1, January 2022, 013D01.

Submitted:

Georges, Frédéric et al. (**Jefferson Lab Hall A Collaboration**) “Deeply virtual Compton scattering cross section at high Bjorken x_B .” (2022).

S. Li et al. (**Jefferson Lab Hall A Collaboration**) . The isospin structure of short-range correlations in the mirror nuclei ^3H and ^3He (2022)

- Apologies if some one is missing.
Please don't forget to contact David Flay if you have a publication to be linked in the Hall A website:
<https://hallaweb.jlab.org/publications/>
- Consider submitting the paper with the Hall A Collaboration, follow the guidelines summarized in the charter:
<https://hallaweb.jlab.org/collab/charter/charter-2021.pdf>

Recent thesis

Tao Ye. Precision Measurement of the Parity Violating Asymmetry in Elastic Electron Scattering of ^{208}Pb . Stony Brook University. JLAB-PHY-21-3554

Devi Adhikari. Neutron Skin Measurement of ^{208}Pb Using Parity-Violating Electron Scattering. Idaho State University. JLAB-PHY-21-3502

Hall A Theses Since Last Meeting

Again, from JLab publication database: https://misportal.jlab.org/ul/publications/search/advanced_search.cfm

Please consider updating the data base.

Collaboration Membership

- Validate/check your membership information:
https://misportal.jlab.org/mis/apps/physics/nall_a_collaboration_membership/editMember.cfm

Member Name	Rachel Montgomery
Institution	<input type="text"/>
Position	<input type="text" value="Choose below"/>
Preferred Email	<input type="text"/>
Experimental Involvement (which experiment, which activity...)	<input type="text"/>
Nominations for new members	<input type="text"/>
PhD students under your supervision who graduated in the last 12 months: please indicate name and date of graduation	<input type="text"/>

Collaboration Membership

- Students
 - Become members through request by PhD supervisor (no vote needed)
 - Please remember to update membership when graduating
- New full members
 - Nominated by sponsor, voted the collaboration meeting

New member nominations

Graduate Students:

Axel Campos Benitez - Virginia Tech

John Boyd - University of Virginia

Sean Jeffas - University of Virginia

Post-doc

Matt Murphy - Virginia Tech

Other reminders

Last group Photo!



**New photo today at 14:45
Please open your cameras**

Hall A Collaboration

January 30-31, 2020 • Jefferson Lab



Hope to see you in person soon!