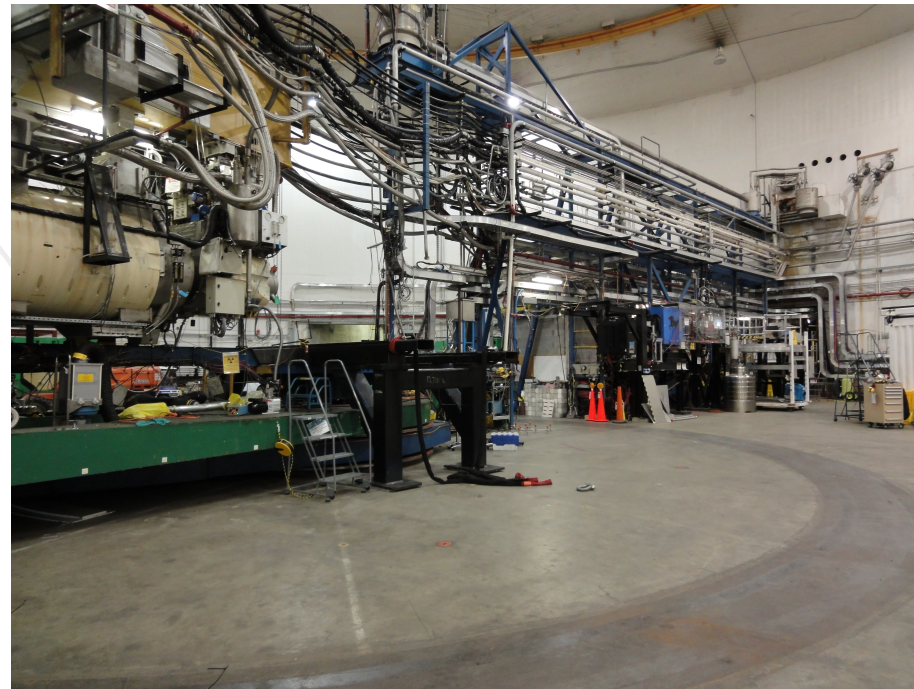


# Hall A CC Business

R. Montgomery on behalf of Hall A CC

Friday, January 22, 2021



Hall A Collaboration Website:  
<https://hallaweb.jlab.org/collab/>

# The Meeting...

- **Enjoy the meeting** and thank you for participation and to those who helped organise
- Busy agenda
  - Thursday: Lab; Scheduled Accelerator Down; Hall; JLUO Board; Software; Recent/imminent physics releases
  - Thursday special feature: 11:30am, guest theory speaker, Charles J. Horowitz, Indiana University
    - The neutron skin of  $^{208}\text{Pb}$  and the structure of neutron stars
  - Friday: Physics analysis updates; Upcoming runs; Hall specific instrumentation, Future
  - Friday special feature: 11:50am, student lunch seminar, Douglas Higinbotham, Jefferson Lab
    - EIC Overview
- Please register for meeting
- [https://misportal.jlab.org/UI/conferences/generic\\_conference/registration.cfm?conference\\_id=COLLAB-HALLA-JAN21](https://misportal.jlab.org/UI/conferences/generic_conference/registration.cfm?conference_id=COLLAB-HALLA-JAN21)
- Thanks to all speakers. **Please upload your slides to indico** - any problems uploading let us know
- <https://indico.jlab.org/event/418/>

# Hall A Coordinating Committee

| Present Members                  |  |
|----------------------------------|--|
| Karl Slifer (UNH) (secretary)    | Elected Summer 2019 (outgoing Summer 2021) |
| Rachel Montgomery (UoG) (chair)  | Elected Summer 2019 (outgoing Summer 2021) |
| Florian Hauenstein (ODU and MIT) | Elected Summer 2020 (outgoing Summer 2022) |
| Nathaly Santiesteban (MIT)       | Elected Summer 2020 (outgoing Summer 2022) |

- Members serve 2 years
- Elections for 2 new members Spring 2021
- **Please send us nominations! (including self nomination)** in preparation for vote
- New members announced Summer A/C meeting 2021
- Transition immediately after Summer A/C meeting 2021

# Hall A Web Page Updating

Jefferson Lab > Scientists > Hall A

## Jefferson Lab Hall A



The screenshot shows the Jefferson Lab Hall A website. At the top, there is a navigation bar with links for Home Page, Experiments, Publications and Results, Technical Page, and 12GeV Upgrade. Below the navigation bar is a large image of the Hall A experimental area. The main content area is divided into several sections: Current Information, Data Analysis, General Information, Basic Equipment, Documentation, and Posters and Photos. Each section contains a list of links to various resources, including real-time information, safety documents, logbooks, and equipment manuals.

Home Page Experiments Publications and Results Technical Page 12GeV Upgrade

**Current Information**

- [Hall A Realtime Information](#)
- PREX/CREX:  
[Home Page](#)  
[Shift Sign-up](#)  
[Read Only Shift Schedule](#)  
[Current Safety Documents](#)
- [New Electronic Logbook](#)
- [Classic Electronic Logbook](#)
- Experiment Safety Documents  
[Readiness Review \(6GeV example\)](#)
- Group Meeting Minutes:  
[\(archive of minutes\)](#) | [\(subscribe\)](#)  
[\(archive of talks\)](#)

**Data Analysis**

- [Software Tools](#)
- [Technical Notes](#)
- [C++ Analyzer/Podd](#)
- [Monte Carlos](#)
- Analysis Workshops  
[\(June 2018\)](#) | [\(archive\)](#)

**General Interest**

**Hall A Collaboration Meeting**  
21-22 January 2021  
[\(agenda\)](#) | [\(registration\)](#)  
[\(archive\)](#)  
Membership

**Analysis Workshop**  
25-26 June 2018  
[\(program\)](#) [\(registration\)](#)

**Annual Reports**  
[\(current\)](#) | [\(archive\)](#)  
[\(template\)](#)

**Figure Style Files**  
[\(readme\)](#) | [\(paw\)](#) | [\(root\)](#)

**Hall A NIM Paper**  
[A522 \(2004\) 294-346](#)  
[\(files\)](#) | [\(inspire\)](#) | [\(pdf\)](#)

**General Information**

- [CEBAF Status](#)
- [Hall A Safety Training \(SAF110\)](#)
- [Controlled Access Refresher](#)
- [Collaboration Information](#)
- [Nuclear Physics Conferences](#)
- [Nuclear Physics Links](#)
- [Experiment Schedules](#)
- [Mailing Lists Archives](#)
- [Technical Page](#)

**Basic Equipment**

- [HRS](#)
- [BigBite](#)
- [Beamline](#)
- [Targets](#)
- [Data Acquisition](#)

**Documentation**

- [Standard Equipment Manual](#)
- [Safety Documents](#)
- [Survey Reports](#)
- [JLab Data Management Plan](#)
- [Hall A Data Management Plan](#)

**Posters and Photos**

- Hall A Posters  
[\(album\)](#) | [\(archive\)](#)
- [Old Hall A Photos](#)
- [3D Image Library](#)

- Planning to update/make some changes to Hall A web page
- <https://hallaweb.jlab.org>
- So far, compiled a list of items
  - e.g. broken links, duplicates
  - rearranging, e.g. in the 12GeV era now...
- When we start making changes over coming months things may move around
- All **suggestions** or concerns are welcome
  - get in touch

# Publications and Paper Reviews

Hall A affiliated publications on JLab database since Summer Meeting 2020:  
([https://misportal.jlab.org/ul/publications/search/advanced\\_search.cfm](https://misportal.jlab.org/ul/publications/search/advanced_search.cfm))

- Novel observation of isospin structure of short-range correlations in calcium isotopes, D. Nguyen *et al.* (Jefferson Lab Hall A Collaboration), Phys. Rev. C **102**, 064004 – Dec 2020
- How analytic choices can affect the extraction of electromagnetic form factors from elastic electron scattering cross section data, Scott K. Barcus, Douglas W. Higinbotham, and Randall E. McClellan, Phys. Rev. C **102**, 015205 – Jul 2020
- (plus several “To Appear” - see database)

Paper reviews sent to CC since Summer Meeting 2020

- Measurement of the Ar(e,e'p) and Ti(e,e'p) cross sections in Jefferson Lab Hall A, C. Mariani *et al.*, PRC
- Puzzle with the precession of the neutron spin, A. Deur *et al.*, Nature
- Deep exclusive electroproduction of  $\pi^0$  at high  $Q^2$  in the quark valence regime J. Roche *et al.*
- Congratulations and apologies for **any missing?**

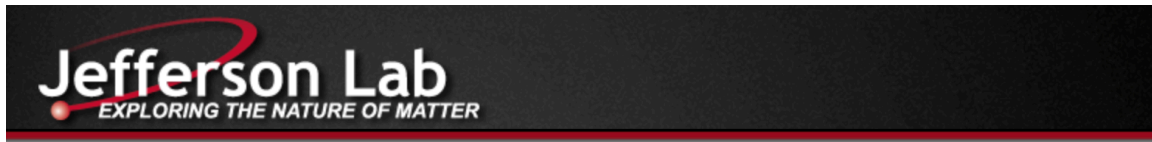
# Hall A Theses Since Last Meeting

---

- Again, from JLab publication database:  
[https://misportal.jlab.org/ul/publications/search/advanced\\_search.cfm](https://misportal.jlab.org/ul/publications/search/advanced_search.cfm)
- Deeply Virtual Compton Scattering on the Proton in Hall A at Jefferson Lab, Alexa Johnson, Carnegie Mellon University
- Deep Exclusive  $\pi^0$  Electroproduction Measured in Hall A at Jefferson Lab with the Upgraded CEBAF, Bishnu Karki, Ohio University
- The Transverse and Longitudinal Response Functions in  $4\text{He}(e,e')$  for the range  $0.55 \text{ GeV}/c \leq |q| \leq 1.0 \text{ GeV}/c$ , Kai Jin, University of Virginia
- Measurement of the  $\pi^0$  Inclusive Cross Section in  $ep$  Scattering and the Design of Electromagnetic Calorimeter for SoLID Program at Jefferson Lab, Ye Tian, Shandong University
- Congratulations and apologies for **any missing**? Please let us know.

# Collaboration Membership Info and New Member Process

[https://misportal.jlab.org/mis/apps/physics/hall\\_a\\_collaboration\\_membership/](https://misportal.jlab.org/mis/apps/physics/hall_a_collaboration_membership/)



## Edit collaboration member below

|  |  |
|--|--|
| Member Name  | Rachel Montgomery                              |
| Institution  | Use On-File Insitution - University of Glasgow |
| Position   | Choose below                                   |
| Preferred Email  |  |
| Experimental Involvement (which experiment, which activity...)   |  |
| Nominations for new members  |  |
| PhD students under your supervision who graduated in the last 12 months: please indicate name and date of graduation |  |

- **Validate/check your membership information**
- “Validate my info” button via link on left
- The link is also available on the front of the Hall A page
- No updates made on roster since last summer meeting/Aug2020
  
- **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 in at collaboration meeting

# New Member Nominations

- **Student nominations**

- Nandhu Sridhar, Saint Mary's University. Sponsor Adam Sarty
  - BSc Hons BigBite Shower Calorimeter, now MSc Applied Science, GMn prep for SBS plus BigBite shower and preshower work
- Gary Penman, University of Glasgow. Sponsor Rachel Montgomery
  - MSci Hons theoretical phys, now PhD, SBS thesis
- No vote – should be added to roster. **Welcome!** 😊

- **New full members**

- Ye Tian, Institute of Modern Physics in China, post-doc in SoLID (sponsor Jian-Ping Chen)
- Salina Ali, University of Virginia, post-doc in SBS (sponsor Nilanga Liyanage)
- Nathaly Santiesteban, post-doc MIT, (sponsor Douglas Higinbotham)
- Voted in at meeting. **Welcome!** 😊

- **Any more? Please let us know.**



# Any Other Business?

---

- Came up during meeting (CC will discuss): Paper approval process; Associate members

**Thank you**