
Hall C Users Group Business Meeting

Hall A & C Summer Collaboration Meeting

June 27–28, 2019

Hall C User Group Board

- **Outgoing Members**
 - **Werner Boeglin**
 - FIU
 - **Brad Sawatzky**
 - Jefferson Lab



Hall C User Group Board

- **Outgoing Members**

- **Abdellah Ahmidouch**
 - NC A&T
- **Ed Brash**
 - CNU



- **New Members (2019–22)**
 - **David Hamilton**
 - U. of Glasgow
 - **Simona Malace**
 - Jefferson Lab

Hall C User Group Board 2018–2019

- Narbe Kalantarians (→ 2020)
- Virginia Union University
- Joerg Reinhold (→ 2020)
- Florida International University

- Dipangkar Dutta (→ 2021)
- MSU
- Holly Szumila-Vance (→ 2021)
- Jefferson Lab

- David Hamilton (→ 2022)
 - University of Glasgow
- Simona Malace (→ 2022)
 - Jefferson Lab

[User's Group Webpage](#)

Jefferson Lab > Physics > Hall C

Experimental Hall C

Users Public Interest

Hall C Collaboration Information

Meetings

- Hall A/C Analysis Workshop, June 26-27, 2017 (Registration)
- Joint Hall A & C Summer Collaboration Meeting, June 22-23, 2017 (Registration)
- Hall C Users Meeting, January 20-21, 2017
- NPS Collaboration Meeting, January 19, 2017
- Joint Hall A & C Summer Collaboration Meeting, June 23-24, 2016
- Previous Meetings

Run Information - Spring 2017 KPP/Commissioning

- Shift Sign-up
- Read-only Shift Schedule
- Hall C Electronic Logbook (Old Logbook)
- Run Safety Documents
 - Conduct of Operations
 - Experiment Safety Assessment Document
 - Radiation Safety Assessment Document
 - SAF 112 Training/Emergency Response Guidelines
- Standard Equipment Manual
- Accelerator Status

General Information

- Steering Committee Tasks & Members
- Staff
- Hall C Mailing Lists
- Conference Listings
- Scientific Highlights

Basic Equipment

- High Momentum Spectrometer (HMS)
- Short Orbit Spectrometer (SOS)
- Cryogenic Target
- Moller Polarimeter
- Beam Line Songsheet showing Ion Chambers
- Telephone numbers in hall and counting house

Maintenance Information

- Hall Work Governance
- HCLIST (Task List system)
- Work Documents

Collaborations with approved experiments in Hall C are invited to provide information, about their experiments, to be included in these pages.

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Phone: (757) 269-7255 Fax: (757) 269-7845

contact: Steinhilber, Wood
updated: May 16, 2017

“The SHMS 11GeV/c Spectrometer in Hall C at Jefferson Lab”

Archival NIM Article

1. Introduction: [D. Gaskell](#)

- A. Brief overview of JLab accelerator and electron beam
- B. The ongoing physics program of Hall C (what has Hall C been good at?)
- C. Physics program in the 12GeV era (what we will do in the future)

2. Specifications for the upgraded Hall-C Spectrometer: [H. Fenker](#)

3. Design and Development of the SHMS Systems

- 3.1. Magnetic Optics: [M. Jones](#)
- 3.2. Shield House Layout, Shielding Design: [T. Horn](#)
- 3.3. Scintillator Trigger Hodoscopes: [I. Niculescu](#), [G. Niculescu](#)
- 3.4. Quartz-bar Trigger Hodoscope: [S. Malace](#)
- 3.5. Drift Chambers: [E. Christy](#)
- 3.6. Heavy-Gas Cerenkov Counter: [G. Huber](#)
- 3.7. Noble-Gas Cerenkov Counter: [D. Day](#)
- 3.8. Aerogel Cerenkov Counter: [T. Horn](#)
- 3.9. Preshower and Shower Counters: [H. Mkrtchyan](#), [V. Tadevosyan](#)
- 3.10. Trigger and Data Acquisition: [B. Sawatzky](#)
- 3.11. Software: [E. Pooser](#), [S. Wood](#)
 - 3.11.1. Online Monitoring
 - 3.11.2. Common-use Analysis Packages

4. SHMS Performance: Operating Experience and Commissioning Results

([H. Fenker with Input from ALL](#))

Results highlighting results from each part of section 3

5. Conclusion

<https://userweb.jlab.org/~hcf/shmsnim/>

Howard has handed off to
Brad Sawatzky.

More Progress than I thought!

Stalled a bit since Feb though,
need a final push!

- Some sections could use updates (recent data, etc)
- Some need fleshing out
- Final integration

“Author Organizers”

- Have agreed to either write the sections or organize others who will do the writing.

“Contributions”

- In LaTeX (text) and .pdf (figures) – using Elsevier’s style guide.
- Howard provided template files and directory structure at link above.

“Version Control”

- For now: hcf doing it manually.