Hall C Users Group Business Meeting

Hall C Winter 2019 Collaboration Meeting

January 28–29, 2019

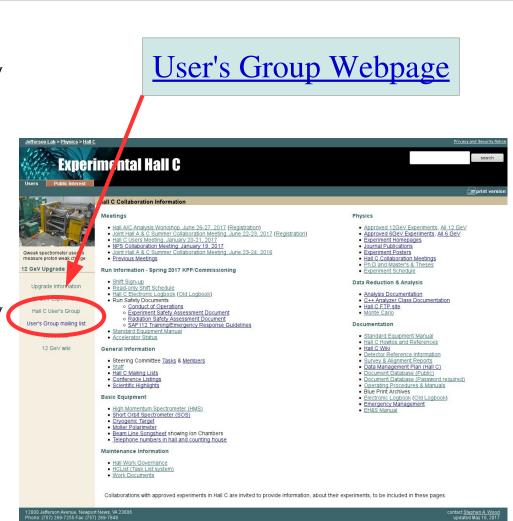


Thomas Jefferson National Accelerator Facility Hall C Winter Collaboration Meeting • Jan 28–29, 2019



Hall C User Group Board 2018–2019

- Werner Boeglin $(\rightarrow 2019)$
 - Florida International University
- Brad Sawatzky $(\rightarrow 2019)$
 - Jefferson Lab
- Narbe Kalantarians $(\rightarrow 2020)$
 - Virginia Union University
- Joerg Reinhold $(\rightarrow 2020)$
 - Florida International University
- Dipangkar Dutta $(\rightarrow 2021)$ - MSU
- Holly Szumila-Vance $(\rightarrow 2021)$
 - Jefferson Lab



• Please Nominate New Members for Summer 2019!



Thomas Jefferson National Accelerator Facility Hall C Winter Collaboration Meeting • Jan 28–29, 2019



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

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



Thomas Jefferson National Accelerator Facility Hall C Winter Collaboration Meeting • Jan 28–29, 2019

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

Archival NIM Article

"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.

"Version Control"

• For now: hcf doing it manually.



And now to you, Hall C Users!

What are your concerns/comments?



Thomas Jefferson National Accelerator Facility Hall C Winter Collaboration Meeting • Jan 28–29, 2019

