

**Minutes of Hall A Group Meeting
November 3, 2009**

(<http://hallaweb.jlab.org/news/minutes/minref.html>)

Distribution

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- ❑ Installation: (Ed Folts)
 - ⇒ Almost ready for beam in the Hall
 - ⇒ Left arm is in position
 - ⇒ Will move the right this afternoon
 - ⇒ Jack is working on the pre-shower
 - ⇒ Checklist is essentially done
 - ⇒ Plan:
 - Close tonight for beam tuning and Compton studies
 - Open again tomorrow (11/4) to finish cabling, target cooldown, and survey the right arm
 - Begin taking beam to the experiment in the evening
 - ⇒ Bogies are not working, moving a spectrometer requires a team of 8 people in the Hall supervised by Ed.
 - Moves will have to be setup in advance
 - Ed is working on the bogies on the bench while the Hall is locked
- ❑ Al Gavalya
 - ⇒ Continue working on Compton
 - Providing a test stand
 - Meeting to finalize acceptance of the laser enclosure
 - Several items are in the shop
 - Tying up loose ends
 - ⇒ PREX targets are in the target lab
 - ⇒ Macon is working on water lines etc. for the PREX test setup
 - ⇒ Susan is detailing the actuator for the beam degrader
 - ⇒ Al has taken the redesign plans from France as far as he can
- ❑ Bert Manzlak
 - ⇒ New safety documents for PVDIS are in the counting house. Please read and sign them. Contact Bert if you have questions. (manzlak@jlab.org)
 - ⇒ There was a first aid case in Hall B last week. Reminds us to report all injuries, even minor ones to health services.
 - ⇒ Hall C is decommissioning HKS and installing Qweak. They have for the present purposes a “Conduct of Installation” document that you must read and sign in order to go into the Hall unescorted. Also, you need a hardhat in Hall C.
- ❑ Alexandre Camsonne
 - ⇒ Working on the Compton electron detector
- ❑ J-P Chen
 - ⇒ Attending the EICAC workshop
 - ⇒ Re target training; anyone who wants it should contact J-P. (jpchen@jlab.org)
- ❑ Ole Hansen
 - ⇒ New version of the C++ analyzer will go out tomorrow (11/4)
 - Some small improvements
 - New pre-optimized HRS database
 - ⇒ Has circulated an e-mail re the need for the absoft FORTRAN compiler. Response so far has been thin. If you have any strong feelings contact Ole (ole@jlab.org)
- ❑ Bogdan Wojtsekhowski
 - ⇒ Busy with experiment preparations
 - ⇒ Re e-ion collider, figure with one year of running can measure neutron and proton form factors out to $Q^2 = 50 \text{ GeV}^2$
 - ⇒ Considering a possible dark matter experiment being pushed by people from SLAC
- ❑ Sirish Nanda
 - ⇒ Compton upgrade from the green laser point of view
 - Have run a series of tests
 - Infra-red seed laser to a crystal to double the frequency
 - Worked pretty well up to ~700 Watts
 - Above 700 Watts thermal effects distort the mirrors
 - Would like to go to 1.5 KWatts
 - Looking into better, low loss, mirrors

- ❑ Dennis Skopik
 - ⇒ Physics division has a large number of evaluations outstanding. We need to get them in. Kees says he's waiting for the peer review.
 - ⇒ New regulation coming down from DOE. If you are on foreign travel for more than 20 days in a year you must be tested for AIDS.
- ❑ Doug Higinbotham
 - ⇒ Re new database in the C++ analyzer; many people worked very hard on it. It works really well from 1 to 3 GeV/c
- ❑ Kees de Jager expresses appreciation for the huge efforts made by the technical group to recover from the site-wide power outages and HAPPEX III and get us back online. Applause!

-JJL