

NPS Collaborators' Meeting Minutes

Date: April 14, 2022

Time: 09:00AM – 10:05AM

Attendees: Arshak Asaturyan, Fernando Barbosa, Vladimir Berdnikov, Marie Boer, Aaron Brown, Alexandre Camsonne, Rolf Ent, Tanja Horn, Charles Hyde, Steven Lassiter, Paulo Medeiros, Hamlet Mkrtychyan, Carlos Munoz, Brad Sawatzky, and Erik Wrightson

1. PMT HV dividers

Fernando Barbosa

1. All divider PCBs arrived at JLab; assembly in progress (~20% complete)
2. Divider assembly on track to be completed by mid-May 2022

2. Temperature and humidity sensors

Carlos Munoz

1. Presented a plan to [add additional sensors](#) for temperature and humidity monitoring

3. DSG Update

Aaron Brown

1. Presented [NPS Collaboration Meeting](#) DSG Status Update
2. Reviewed EPICS Phoebus high voltage controls development
 - Discussed adding an “expert level” screen to turn on/off all channels of a module (each module represents one column of 36 PMTs)
3. Discussed Ansys thermal analysis of the crystal array
 - Electronics zone thermal analysis in progress
 - Analysis plots and parameter information will be gathered and placed on the DSG website

4. Next meeting: 2022/05/12