

## DSG Engineering Meeting Minutes

**Date: November 21, 2023**

**Time: 02:00PM – 03:10PM**

*Attendees: Mary Ann Antonioli, Peter Bonneau, Aaron Brown, Pablo Campero, Mindy Leffel, Tyler Lemon, and Marc McMullen*

### 1. Hall A – ECAL

*Marc McMullen*

1. Reviewed heater updated heater controls
  - The cRIO is running the latest version of the software, but it is malfunctioning (likely caused by radiation damage)
2. A new cRIO will be installed in the counting house away from the radiation area

### 2. Hall A – LAPPD

*Pablo Campero*

1. Pablo has received the files for the dimensions of each quadrant of the LAPPD window, but is unable to open them in their current format (SolidWorks)
  - Will contact vendor to request .stp files that can be opened with NX12 or SpaceClaim

### 3. Hall C – NPS

*Mary Ann Antonioli and Aaron Brown*

1. Thermal readback LabVIEW program test station
  - Test stand computer will be on the Hall B development subnet so as not to interfere with the version currently running on the Hall C production subnet
  - LabVIEW on the test computer will be upgraded to version 2022 (which is the version used by the cRIO)

### 4. EIC

*Pablo Campero and Tyler Lemon*

1. Preparing crates to ship to SLAC – McMaster-Carr parts for crate fabrication have started to arrive at the lab
2. Finished meshing beampipe using Ansys Fluent – 1.5 mm element size for Aluminum and 1 mm element size for Beryllium