

## DSG Hall A LAPPD Meeting Minutes

**Date: March 26, 2024**

**Time: 11:00 PM – 12:00 PM**

*Attendees: Peter Bonneau, Aaron Brown, Pablo Campero, Brian Eng, Tyler Lemon, Simona Malace, and Marc McMullen*

### **1. Gantry Support Design and Assembly**

*Marc McMullen*

1. Completed modifications to the NX model
2. Assembly is completed; lower side profiles can be moved up if necessary to avoid interference with cables located inside the LAPPD dark box
3. Plan to install gantry system and LED box by the beginning of next week

### **2. LED Box Design**

*Pablo Campero*

1. Revised LED box model in NX
2. Ordered and received LED holder, blue LEDs, M4 inserted threads, soldering insertion tip, and extraction tip tool
3. Printed all LED box parts
  - 1-mm hole in cover to insert optical fiber did not print as expected; hole filled with filament
    - Submitted work request to Machine Shop to make the hole
4. For easy removal of the LED, looking for M4 thumb screws
  - Options for purchasing were added to the model to ensure proper clearance with other components
5. Started assembly of the LED box