

DSG Hall A LAPPD Meeting Minutes

Date: March 12, 2024

Time: 11:00 PM – 12:00 PM

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

1. Gantry Support Design and Assembly

Marc McMullen

1. All ordered parts for Gantry's support have arrived
2. Assembly is almost completed; need to install another two T-slots to provide stability
3. Discussed plans for installation inside dark box at ESB building
 - Simona stated that a one-day notice will be required to meet in the ESB for assembly

2. LED Box Design

Pablo Campero

1. Modified second version of the LED box design in NX12
 - Changed hole diameter size based on inserted thread specifications for the cover and LED support
 - Modified base and cover to allow easy disassembly of the LED box while in the upside-down position
 - Reviewing details and preparing model's parts for 3D printing
 - Need to confirm LED dimensions
2. Confirmed that Ultimaker S7 3D printer will be available to use
3. Ordering M4 inserted threads, soldering insertion tip, and extraction tip tool
 - Order is ~\$60
 - Confirmed charge code
4. Will order LED holder since it is inexpensive and different sizes are available

3. Signal Generator to Drive LED

Pablo Campero and Simona Malace

1. Decided that Keysight, model 33522B signal generator will be purchased
 - Funds approved
 - Simona will order signal generator in the upcoming weeks