

## DSG-EIC DIRC Meeting

**Date: February 6, 2023**

**Time: 11:00 PM – 12:00 PM**

*Attendees: Aaron Brown, Peter Bonneau, Imani Burton, Pablo Campero, Brian Eng, George Jacobs, Greg Kalicy, Tyler Lemon, Marc McMullen, Joe Schwiening, Jennifer Williams*

### **1. Construction of EEL 108 sub-room for laser controlled area**

1. Drop ceiling installed
2. Walt Akers is coordinating installation of utilities
  - Greg Kalicy will meet with Walt Akers on February 6, 2023 to discuss timeline

### **2. Laser interlock system**

*Peter Bonneau, Tyler Lemon, and Marc McMullen*

1. Circuit design in progress using Altium
  - Before PCB design, Altium's simulator will be used as a last check of circuit functionality

### **3. Procurements needed for laser interlock system**

*Tyler Lemon*

1. Sweep button
2. Optical table sidewall components
  - Hinge
  - Anodized aluminum sheets
  - Position sensors
    - Anticipate using small magnetic reed switches or actuator switches for hinges
3. Cabling
4. Hardware for control units
  - Enclosures
  - Enclosure feedthroughs
  - Key switch