

The Solar Sailors

Meeting Minutes 2/19/2021

Attendance:

Adriana Oliveira (Team Member)
Nickolas Borek (Team Member)
Lukas Vermeulen (Team Member)
Brady Jerome (Team Member)
Feng Le (Instructor)
Steve Szablya (Sponsor)

Meeting Log:

- Meeting Started at 5:30 PM
- Engineering Release Review went well
 - Did not have many questions and presentations were smooth
- We can get access to the Q-Sun Xenon Tester when we need it
 - Nick and Adriana discussed going to SEL to use the tester build a “how to” manual of sorts so that anyone can figure out how to use it
- Discussed what size of acrylic we need for our acrylic disk
 - We are going with a 2” diameter acrylic disk for our designs
- Discussed overvoltage protection so that the circuit does not go over the maximum voltage and fry the circuit
 - One possible solution is a Zener Diode as a protection circuit, or to act like a “fuse”
- Brady Jerome is tasked with emailing Dr. Ay about setting up an in-person or virtual meeting to discuss our phototransistor.
 - Discuss the various phototransistor components, such as its maximum Lux, as well as the possibility of over-saturation
- Upcoming dates:
 - Logbooks due today
 - Snapshot 3 on March 9th
 - Portfolio due March 9th
 - Team Member Citizenship due March 9th
- Meeting Ended at 6:28 PM