

The Solar Sailors

Meeting Minutes 4/7/2021

Attendance:

Adriana Oliveira (Team Member)

Lukas Vermeulen (Team Member)

Brady Jerome (Team Member)

Nickolas Borek (Team Member)

Steve Szablya (Client)

Meeting Log:

- Meeting Started at 7:37 PM
- Scheduled for SEL at 9:30 AM Saturday
 - Meet in GJL Ambassador's room at 8:30 AM Saturday 4/10/2021
- Items to bring to SEL
 - Fully assembled prototype
 - Other pyranometers to test
 - Two pyranometers to test
 - U of I's Pyranometer
 - Chinese Pyranometer
 - Cables and cases
 - Extension cord
 - Laptop
- Goal for SEL
 - Calibrate our pyranometer
 - Use the industrial pyranometers to calibrate
 - They are already calibrated
 - Commercial Pyranometers to compare
 - Chinese pyranometer
 - See the results we get from SEL
- We can set up the prototype outside to test sunlight data
 - Also test in a shaded area
- Expo on the 29th or 30th of April
- Technical Presentation on the 30th of April
- Should be targeting 2000 W/m²
 - Highest value
- Adriana and Lukas are going to find resistor values before the SEL testing
- In the case that it does not output the W/m² that we need, we can use mapping to get the values to our desired values

- Meeting Ended at 7:57 PM