

# The Solar Sailors

## Meeting Minutes 10/21/2020

### Attendance:

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

### Meeting Log:

- Upcoming events: PCB talk, DVP due, Value proposition due next Thursday
  - Adriana will submit DVP by noon Thursday
  - Value proposition can include work from our snapshot day
- Three pyranometers to compare with.
  - Steve will try to get the Kilowatts for Humanity pyranometer over the weekend
- 2411: No programming needed
- RTAC: Real time automation controller
  - C++ or python code
  - May not be worth the time
- All pyranometers will be sent to Zambia around next June.
- Funding approved for \$400.
  - Work with Brooke to order parts
  - Dr. Feng will send an example of a request
    - Send request to Feng first and have him check it and forward it to Brooke.
- Soldering kits in room #2 of Gauss-Johnson
  - Ask Dr. Johnson for the code when needed.
- May try thermopile prototype if time allows
- Phototransistor options:
  - Steve says go for original option because of the viewing angle
- Nick's Thermistor report:
  - Explains theory behind design
  - 380 degree view
- Try to set up an in-person meeting.