

MINUTES – Fly Rollers Meeting 12 (1/21/16)

Dr. Santora and all team members present

Discussion:

- a) We originally thought we wanted to use SPI for our microcontroller communication. However, we need to use something that allows for parallel communication and handshaking. Would I2C work?
- b) Meeting time will stay at 4:30pm on Thursdays for both engr-flyrollers and engr-FIGs
- c) Renae Schlickemeyer in ISGC is our financial contact (3rd floor in BEL)
- d) We will likely use KiCAD for our EDA software

Action Items:

- 1) Philip will be mapping pins and sockets for Evan. He needs to work with Santora to purchase a new microcontroller
- 2) Evan will be using those to begin making a package for the PCB. He leads next week's meeting
- 3) Brian will investigate power draw and potential power supplies
- 4) Gavin will mainly be studying code composer but will work with Brian to find an absolute encoder and research potential power supplies
- 5) Everyone needs to think about we will would like in the computer interface GUI as we are partial clients.

Respectfully Submitted,

Gavin Meyer