

## ARCTIC Tech-o-con discussion

---

Attending: Bill, Joe, Mark, Alysha, Alaina, Russell, Suzanne, John Wilson, John Holtzman, Fritz, Conor

- Integration travel plans -- Joe
  - The dewar looks good for integration. Will take to Leach Thursday afternoon. Have ccd shipped there.
- Optics -- Joe
  - Nutech wants some clarification on our design. They won't send a quote based on what we gave them. Joe will send them a new drawing with the info they need.
  - Currently, Joe wants feedback on the quotes we do have.
  - Does anyone know about Cosmo's references and experience? They want to work with us very badly.
  - Nutech would provide coating QE curves. The other two need clarification on what they will provide for QE.
- CCD test plans
  - Bill would like feedback from Holtzman and Wilson about the type of tests or data we need. Tuning etc, other than noise.
  - We will do--
    - Linearity
    - Darks
    - Pixel map
    - Uniformity
    - Any quadrants holding a charge?
    - Check temp/regulation in lab and in the dome, for winter and spring
    - Readout modes -- do all tests in all modes and all binning options.
  - Discussion between Joe, Holtzman, and Wilson about the proposed shutter testing
    - Joe wants to test then an LED screen and no shutter. Is that ok?

Thursday, September 25, 2014

- We can't get real flat fields until we are on the telescope. What about an integrating sphere? What aperture is the one we have? Will we use a diffuser and a dark slide?
- There are no immediate objections to trying it Joe's way.