

Meeting Minutes

Date: February 11, 2016 **Time:** 5:00 PM **Location:** BEL 11
Participants: Bruno Loza Khalid Alotaibi Dr. Johnson
 Will Parker Dr. Li

Purpose of meeting: Testing results

Agenda items:

- ABB testing results
 - DI/O port didn't seem to toggle because it is a "dry" switch w/ no voltage source
- Effect of VFD on still-rotating shaft
 - If VFD is initialized, it will read rotor speed and adjust to desired frequency
- Updated device list
 - Latching pushbutton
 - Possibly purchase from SEL
 - Datasheets posted to Drive
 - SSR
 - Possibly use one of Dr. Hess' for initial testing
 - Diodes
 - Will is going to get these from SEL
 - LED
 - Not necessary for testing - Use voltmeter
- ECE Colloquium (ECE 591)
 - Present up-to-date results (Similar to design review)
 - 50 minute time slot (recommended 30 min. for presentation and 20 for questions)
 - Macclure Hall 201
- Design Review
 - Governor team has design review 2/25 3:30 PM in the power lab
 - Possibly plan ours after theirs?
 - Projector screens available
 - Borrow more reliable projector from ECE office
- Future work
 - All members will perform a test to verify operation of new latching push-button design on Saturday @ 1:00 PM

Action Items:

- Khalid
 - SSR from Dr. Hess
- Bruno
 - Meeting minutes - Send to Nikhil
 - RTDS progress
 - Check with Mike West about missing Excel machine parameter files

- Will
 - Check for parts availability from SEL

Future Meeting Date: 2/18/16 5 PM