

Meeting Time & Location:

Monday 7 October 2019, 2pm
KEC 1087

In Attendance:

Chase Pixley
Andy Zhang
Jay Garmondeh
Konner Holden (Client Representative)
John Conley (Client)

Unknown/Risks:

- Funding for lab passes
- How the microwave annealing chamber will be built

Hours this Week

	Total Hours	Hours w/ Team	Hours Helping
Chase	1	1	0
Andy	1	1	0
Jay	1	1	0

Tasks from This Week

- Discussion of Junior Design vs Senior Design
- Project Outline
 - Deposit thin film using ALD (Konner will send literature)
 - Increase electrical properties via annealing
 - In-situ annealing is a focus of the project
 - Two options
 - Microwave Oven (More immediate results)
 - Microwave Chamber (More controlled situation)
 - The SD students will help to design and build a Microwave Chamber while doing preliminary tests with Microwave Ovens
 - Need to determine:
 - How to control the standing waves within the ovens
 - How to hold the materials in place within the Chamber
- Sharing of contact information
- Senior Design team to give presentation to research group at end of term
- Window Lab Tour (Just Chase, Jay and Andy)
- Determination of clerical roles
 - Jay will keep in contact with the Senior Design instructors
 - Andy will be the main contact with the client
 - Chase will cover all meeting notes

Tasks for Next Week

- Next team meeting: 14 October 2019, 2pm (Just Senior Design team)
- Read and summarize literature sent to us by Konner
 - Jay will read “Crystallinity” by Miikkulainen et al.
 - Chase and Andy will split up “Atomic Layer Deposition” by George (split to be discussed later)