

Meeting Mins

1st meeting with Dr. Shih and Dr.Zheng

- Need to reverse engineering a laser jet printer
- FMC company who produces SLMP
- will need a dry room of less than 2.5% humidity
- need lightweight
- 10% non-rechargeable compounds
- 1st cycle uses a sacrificial lithium

Need:

-uniform coat of lithium

- \$2/g, if a pound of lithium \$1/g

For beginning testing

- Use sugar,sand, or salt
- Must deal with density and soft texture of lithium
- Extremely flammable
- Printer would be better because of surface area needed
 - very small amount
- Heat Temperature would be an issue, must solve if it arises
- any metal foil maybe used during initial testing, most likely aluminum foil
- Attempt for scaling up prototype
- MUST be 1 coat of lithium - ideal
- for dry room use
 - make arrangements with student advisor
 - only 3 people at a time