Announcements

Lab Quiz

Pre-lab Lecture

- Discuss written proposal
- Preview solar cell assembly
- Jackie: theory of solar cells and assembly demonstration
Announcements

• Today (M3D4): solar cell assembly
• Next (M3D5): solar cell testing; blog post due 12 am
• Finally (M3D6): briefly wrap up module (quiz, lab clean-up) but no oral presentations
• Bonus (Dec 11th): evaluations and class party!

• OH by appointment to discuss written proposals

  + Atissaq (4pm) on "oral proposals" → content, audience, collaboration
Successful elements of Shannon’s mock proposal to note

- Overall organization/flow and repetition
- Level of specificity in each section (including title!)
- Summary addresses both context and science
- Introduction closes with knowledge gap and high-level goals
- Plan includes context, definition, and alternatives for each experiment
- Use of figures, including high-level summary
Solar cell preparation

- Phage-nanomaterial complexes ground up and combined with TiO2 paste
- You will prepare anode
- Base: glass coated with FTO and then TiO2 – conductive and transparent
- YOUR PART: PASTE ONTO BASE
- High-temperature setting process, then dye addition

Image from wiki