

# MEETING MINUTES

Executive summary: Our group met with Dr. Lee on Saturday, October 21. This meeting was run by Dr. Lee; we updated him on the analytical analysis we performed. We all were given ways to improve the analysis for the project and told to fix it by Saturday, October 28. Dr. Lee decided he wants CAD of the components done by Saturday for inspection. On Tuesday, October 24, another group meeting was held to discuss the requirements for the week set by Dr. Oman. As a group we worked the requirements and CAD that are due at the end of the week.

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## *Announcements:*

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- Dr. Lee would like analysis to be updated with the newly gain information he gave us.
- CAD of the components are due by Saturday October 2i
- Prototype for presentation

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## *Individual Report*

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- Each member turned in the individual analysis

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## *Team discussion*

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- Talked about analysis
  - Colin needs to change convection heat transfer to radiation heat transfer
  - Nikki needs to email to find out the beam divergence for electron guns
  - Kirsten needs to adjust her analysis for temperature
  - Dalton needs to adjust materials and find new ones
- The team discussed the sample holder
  - Dalton work on CAD
  - Colin, Nikki, and Kirsten worked on ideas on what it is going to look like
- Kirsten worked on the Website
- Kirsten and Nikki discussed the website
  - What would be allowed on the pages on the website
  - Personal information for each member
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Date: 10/24/17

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*Action Items*

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Action Items for Week 9 and Week 10

Team D5 - TPD SIMS

Dalton:

- CAD for Dr.Lee by Saturday
- Prototype by Tuesday for presentation

Nikki:

- Email all Electron gun venders about beam divergence
- Fix sample distance code by Saturday

Colin:

- Email Oman about website (Sandia allow ability)
- Fix heat transfer equations for Dr. Lee by Saturday

Kirsten:

- Update website for class and Sandia
- Fix analysis to accommodate temperature by Saturday