

WBS

1 Background Research

- 1.1 Going through the previous years' documents
- 1.2 Going thorough what Keith has for us
- 1.3 Researching electron focusing systems
- 1.4 Decide on a lens
- 1.5 Look for other possible simulating tools
- 1.6 Draft a list of requirements

2 Simulation

- 2.1 Acquire Software
- 2.2 Learn Simion software (ask Mark Somerville)
- 2.3 Modeling and Testing Source/Validation
- 2.4 Coding
- 2.5 Optimization of Parameters
 - 2.5.1 Size
 - 2.5.2 Voltage for holding middle plate
 - 2.5.3 Power usage
 - 2.5.4 Focal Length (as small as possible)

2.6 Validation ?

3 Design

- 3.1 CAD
- 3.2 Print
- 3.3 Test

4 Documentation and Presentation

- 4.1 - Website
- 4.2 - Final Report
- 4.3 - Midsummer Lunch Presentation
- 4.4 - Final Presentation?