Project Presentation

Oliver Reccomend

* 50% proposal, 50% final report
* Science background (justify ect)
* Experimental setup
* Prelim results

Title page - C

* Introduce
  + Names
* Presentation contents

Aims - E

Theory – C

* Why interesting

So Far - E

Plans – E

Feasibility Studies – C

* Faraday disk
* Homopolar generator with arm magnets
* Torque from magnets

FEMM Analysis - C

* FEMM is: Finite element solver for 2D and axisymmetric magnetic, electrostatic, heat flow, and current flow problems.
  + Magnet and axisymmetric used here
* First, modelled the 6 magnets along the axis as seen
  + Describe
* Magnets with coils in a magnetic field to calc force for magnet moment
  + Needed for feasibility of procession with torque from magnets
* Coils only to calculate the b-field produced with the graph
* Mu calculated
* B-field check done
  + Biot-Savart law

Methods - E

Programming - E

Summary - C

* Repeat
  + Why doing
  + What do now (plans)

Bibleography