

Group Meeting

Date: 1:30pm, February 27th 2023

Place: Physics - B037

Attendees: Issac Wetton, Hannah Bywood, Kate Hamilton and Kristian Dimitrov

Progress of jobs:

- (Issac) Method and analysis **Done**
- (Kate) add to the report: **Added all that can be added as of right now**
- (Kristian) Add the magnetic field interactions into the simulation **Done, changed the format of the simulation**
- (Hannah) Look into Plasma interactions with Ganymede and compare to the electron densities and energies **Done**
- unknown progression for Rhys and Michal

Discussions:

- Issac - finish the analysis within the next few days, then start to post the results of the magnetic fields
- Kristian - Aim to have produced multiple magnetic field simulations and written methodology of the process.
- Hannah - Write method, results and data search. Analyse data collected.
- Kate - can only work after more methods and data search sections have been written.
- Michal - Make sure to do the method, focus on the analysis of these elements already done.
- Rhys - Focus on the plots of the day-side and night-side and anything that has discrepancies, report section needs to be done.

Decisions made:

1. Focus on report and writing.
2. Analyse and current plots found.
3. If the report is completed early this leaves room for us to improve the data and push it further.