Minutes 05/02

Chairman: Lars van Alen, secretary: Thomas Driessen, board writer: Dolf Eck

Attendance: everyone was present

Introduction of tutor:

- Mail tutor: h.g.j.gilsing@student.tue.nl, he will not respond during the weekend.
- Teachers Bart Somers and Noud Meas will not response to a mail. If there are any questions use canvas discussion or mail Harm.
- Everyone has to present once about their SSA.

General rules:

- SSA's handing in in Canvas before Thursday midnight and Monday midnight (day before the next meeting). Also all use the same SSA format which will be in Overleaf. The SSA's have to be written in report standards.
- If you are too late you will get a warning. If you are later than 15 min a mail will be sent to Marika Postema. If you are two times too late (not only 15 min) Marika Postema also will be mailed.
- If more people work on a task, one SSA can be handed in. But is must be clear which person did what.
- Minutes need to be posted on the same day as the meeting.
- If you want to speak up during the meeting, use the raise hand button.
- Not every SSA has to be viewed during the meetings, it will be assumed that everyone has read the SSA's before the meeting.

Discussion:

- Everyone will make a RPC list before next meeting with: requirements, constraints and preferences.
- Defining the problem:
    - The dimensions of the system need to be measured by ourselves. (Max. 2 person will be able to be at the place of the experiment.
    - The first experiment is done for us, so a second experiment can already be prepared.
    - Make the generator as efficient as possible and also environmentally friendly.
    - A planning will be made and also graded by Harm. This planning will be made as a clear overview in Excel or PDF file. After this this planning will be implemented in Trello.
    - We should already start modeling before the holiday, since after the holiday an interim presentation will take place which have to include results.
    - The coding will be done in Matlab, when sharing codes Github will be used.

Action points (SSA's):

- Make RPC list: **everyone**
- Planning, with the rules and agreements: **Mats, Dolf**
- Professional skills- strict demands: **Mats, Dolf**
- Starting with Matlab involving the experiment, with also taking a look at Github and the online training for Matlab: **Mihai, Thomas**
- Look into the theory for this project:
    - Thermodynamics: **Joey**
    - Different fuels with their impact: **Lars**
- Take a look at the experiment is self, with all the work and steps which need to be done: **Vito, Alexandra**
- The presentation for next meeting: **Mats**