

# Tri-weekly Meeting Report

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February 9th 2023

## 1 Meeting overview

During this meeting, the progress on the theoretical front and the hardware ordering was discussed, as well as a few design alternatives for the 3D-model which will serve as the frame of the trainer.

The progress on estimation theory and Kalman filters has been satisfying. Therefore, the mathematical model of the trainer will be seen in the next weekly meeting with the supervisors, in order to finalize the design process of the filter.

The hardware will be ordered by the group members next week. The institute will be asked for refunds.

Regarding the design alternatives, there are as of now 2 models which need to be specified and detailed further. The choice was made to eventually develop only one of these models. The model to be developed will be defined within the next week. The specifications will be attached to the project administration folder.

### 1.1 Conclusions from the meeting

- The theoretical front has been progressing well. The mathematical model for the trainer will be discussed in the next weekly meeting.
- Hardware will be ordered within the next week.
- There has been an update regarding the 3D-models. Elias has suggested a completely new physical model, while Damiano suggested an upgrade of the old model.
- The 3D-model to be used from the point above will be defined at a later date, since Elias' model wasn't complete, and Damiano's suggestion could not be implemented right away. This decision will be made next week.