Weekly Meeting Report

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1   Meeting overview

In this meeting, the expectation-maximization algorithm for parameter estimation was dropped. Instead, a grid search algorithm was implemented during the previous week and was presented in this meeting. The algorithm did not present any significant improvements but was slightly better than the pure least-squares estimator that was used in March.

Roxy (external supervisor) recommended running bias tests in order to check the data we have tested for any possible biases. These tests will be run during the next two weeks.

The implementation of the Kalman filter is still underway. Admir had an idea about implementing it as a user-defined class in the embedded architecture. However, it was decided that this procedure would be too time-consuming. Instead, the focus was shifted towards the report.

The work on the report has been continuing at a good pace. The report file will be shared with the supervisors after this meeting.

1.1   Conclusions from the meeting

- The expectation-maximization algorithm was abandoned. Instead, grid search was implemented during the previous week and presented this week.

- Bias tests will be run in the next two weeks to check our data for bias.

- The implementation of the Kalman filter is still underway.

- The report is the top priority for the group onwards.