Weekly Report
Battery Management Systems

U.PORTO
FEUP FACULDADE DE ENGENHARIA
UNIVERSIDADE DO PORTO

Week: 17/03/2014 to 21/03/2014

Advisor: Armando Sousa Araújo

Student: Sónia Carina Lopes da Costa

WORK DONE

- Conclusion of the modelization of our system (battery) as a nonlinear state-space model, discretization of the system.
- Start writing the EKF algorithm in Matlab.

DIFFICULTIES

- The results of the simulation Matlab were not the expected ones . Couldn't identify the source of the error.

MEETINGS WITH ADIVOR AND FUTURE WORK

- Discussion of possible causes for the unexpected results.
- Definition of work for the following week: identification of the cause of error in the algorithm and his correction,   algorithm testing.