Universidade do Porto
FEUP Faculdade de Engenharia

WEEKLY REPORT

16TH MAY – 20TH MAY

TASKS PERFORMED / TOPICS STUDIED:

- Construction and test of the printed circuit boards designed for signal condition.
- Initial tests of the FSM's of both WPAN coordinator and end-node;
- Tests with synchronism message frames and read sensor message frames. The WPAN coordinator is now able to reply to this type of message using information provided by the end-node. The system central master makes the request to the WPAN coordinator using the CAN bus protocol. The later one communicates wirelessly with the end-node unit and replies to the central master also using CAN bus.

BIBLIOGRAPHY REVISED:

- AT90CAN64 - datasheet
- Waspmote – Technical Guide by Libelium
- Analog Devices – AD623 datasheet.