# Intermediate report CIT

# 2019 Week 13

* In-progress for this week and next week:
  + Cleaning database to handle e.g. missing data entries
  + Converting potentiometer readings to discretized action taken
  + Started automatic control tests using 1D-CNN based network using inputs from Xbee and outputs from the generated action space
  + Strategies for improving the tests;
    - Better data sampling, e.g. to reduce skewness of data
    - Ignore bad data entries, such as data acquired form retracting the drill bit, which should not be considered during training