

The Guideline for Sensor Network Project Report

1. Requirements:

1. 1 Length and style. The report should use the Latex template which can be downloaded from Ilias. The reports should be not longer than 6 pages including references.
1. 2 Contents. The experiment report should document the introduction of the protocol, the method how to realize it, the experimental setup, the data analysis and the conclusion.
1. 3 Base knowledge. Your report should be understandable for Master students who did not perform the experiment.
1. 4 Please give proper citations for everything which is not explicitly explained in the report.

2. Structure.

- 2.1 Protocol introduction: Maximum 1 page about the theoretical basics of the experiment.
- 2.2 Methods: especially, describe the methods used to realize the protocol (functions in the code and their functionality).
- 2.3 Experimental setup/Measurement procedure: The experimental setup, the differences of the experimental series, the different parameters used, including local sensor setup and TARWIS testbed.
- 2.4 Results and Analysis: Analyze the results which are obtained by local sensors and on TARWIS testbed. Analyze your data with respect to the aim of the experiment. Your task during the experiment is not just to measure and document your measurements, but to derive and present conclusions from your measurements.
- 2.5 If there are some errors in the final results. Investigate and try to understand all types and sources of errors in all your measurements.
- 2.6 Conclusions: Summarize and discuss your results with respect to the literature or your own scientific expectations. You should in particular discuss possible error sources and give a short judgment on the quality of the experimental setup (because you also learn to design the measurement setups). If needed, suggest how to improve the setups.