**Exercise 6**

In this exercise the five laboratory exercises, and individual exercise (ex 5) are presented. One group go presents one exercise and the group has to be opponent of another exercise.

Each group must deliver a ca. 30-40 minute presentation on Friday.

**Presentation of results.**

Each group must present one of the exercises, including, but not limited to:

1) **Introduction**
   Background for the exercise (what is the purpose).
   What features are investigated and by which methods? (Explain the rationale for each part of the exercise incl. walk trough of the scientific methods). Use the paper supplied for the exercise as inspiration.

2) **Presentation of the results**
   Collect data from ALL groups and make a presentation of the outcome of the exercise.
   Draw conclusions (if any). Also compare to expected results.
   Describe any problems encountered and suggest ways to resolve these.

3) **Give suggestions for improvements**
   Give suggestions for improvements of the exercise
   Give suggestions for other ways to obtain results in real life, within the scope of the exercise – e.g. suggest other experiments that could be done to obtain better or other supplementary results.

4) **Present the individual exercise they have done** (Exercise 5), include these headlines:
   a) **Background**
   b) **Methodology**
   c) **Results**
   d) **Discuss main conclusions and outline perspectives.**
   e) **How do you see the techniques learned at the course useful in your future work?**

5) Include additional literature and make perspectives to relevant papers.

One other group will act as opponent and should ask relevant questions to each of the points above.

**Powerpoint presentations are done in the classroom the last Friday from 10.00.**

**All course participants must stay until all groups have presented their work.**