

# Hints on the seminar presentation

For a successful participation to the Advanced Laboratory Course for Master Students it is mandatory to give a presentation in the accompanying seminar. The topics cover the experiments of the course.

## DURATION

The duration of each presentation should not exceed 15 minutes per person (i.e., ca. 30 min for a group containing two persons and maximum 45 min for a group of three), in order to ensure enough time for discussion. Please, respect this timing accurately.

## MOCK-UP TALK

Students give a mock-up presentation to their supervisors (= tutors of the experiment) at least one week before the actual presentation. You are expected to present a finished presentation for the mock-up talk. The feedback is used to further improve the presentation. During your talk make also use of the blackboard. Please contact the supervisor ahead of time to make an appointment.

## CONTENT

Contents and compositions of the seminars should be discussed with the respective supervisor at least three weeks before the seminar presentation.

In the presentation you discuss the basic assumptions and mechanisms underlying the experiment. It is also important to discuss the physical relevance of the theoretical models to the experiment. The theoretical part should not exceed half of the duration of the talk. In the second part you present the experiment, the details of data collection, methodologies, and setups of the lab equipment followed by the interpretation and analysis of the data. You should also represent the meaning of the experimental results in a bigger content and discuss possible applications of the experiment.