

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 themes 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**.

TEST TALK

Students should rehearse their presentation with their supervisors (= tutors of the experiment) at least **two weeks** before the actual presentation, in order to ensure enough time in the case changes and improvement should be necessary.

Please, do not refer to this discussion as a test of your official presentation: it is rather a chance of further improving a talk that you have already elaborated as well as you could. During your talk make also use of the blackboard.

A second test talk should be performed **one week** before the seminar with the course organizer (MW or RP).

Please contact in good time both the supervisor and course organizer 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.

Please note that it is not expected from you to perform endless derivation of the final formulas, rather you are expected to discuss and give the physical representation of the **basic assumptions and mechanisms** that in a drafted approach lead to the significant results. It is also important to discuss the **physical relevance** of those schematic results to the experiment. The theoretical part should not exceed half of the duration of the talk. In the second part you should discuss the experimental details, methodologies, and setups of the lab equipment; you should also represent the meaning of the experimental results in a bigger content and also discuss possible applications of the experiment.