

Personal Experimental Project



Master in Engineering Physics

Course contents

- Experimental research
- Join a research group
- Small, self-consistent experimental project

Learning outcomes

- Carry out a R&D project
- Experimental challenges – setup
- What should we measure ?

Work description

Equivalent of 10 full days of work in your host lab (5 ECTS)

- Preparation
- Experiments
- Analysis
- Communication

+ 3 workshops

- Dimensional analysis and design of experiments
- Data analysis
- Scientific communication (Presentations, reports, research proposal, posters)

Schedule & assignments

To get started

- By next Monday, you email me your three preferred subjects (Tristan.Gilet@uliege.be).
I will then assign one of them to each you.
- By the end of next week, you contact the corresponding advisor and schedule your work with him/her.

Research proposal

- To be submitted to the advisor and the course coordinator (i.e. me)
- 30% of the final mark
- In English, max 3 pages, incl. max 1 page of text
- Describes the goals and plans
- Due Feb. 15

Poster session in May-June, for the remaining 70% of the mark.