

User-centred evaluation in visualization

Aim

This course targets students who wish to pursue research projects involving usability evaluation. The aim with the course is to provide the students with theoretical knowledge and practical skills in current research practice. Furthermore, it aims at training students in critically analyzing and discussing publications in the field.

Prerequisites

This is an introductory course on research methodology and usability and does not require any prerequisites

Organization

The course will have scheduled lecturers and seminars. The course work is then complemented by a project in which a planned evaluation study is designed.

Examination

Participation in lectures and seminars. Oral presentation and a written description of a planned evaluation study in the student's own research area.

Course content

The course content will cover:

- Fundamental theoretical knowledge and practical skills of usability and evaluation
- How to design and report evaluation studies
- Quantitative and qualitative research methods
- Statistical analysis

Examiner

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Credit

6 hp.

Literature

- A M Graziano & ML Raulin. Research Methods: A Process of Inquiry 7/E.
- A Field & Graham Hole. How to Design and Report Experiments.
- Selected scientific papers.