Project "Computer Experiments"

Fallstudien II / Case Studies II
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WS 2025/26
December 16, 2025

Presentation

One presentation per group

- First slide should contain title and group members' name

- Briefly present your objectives or research questions

- Describe your design of experiments and surrogate model(s) shortly

- Present and discuss your results and findings

- Figures should be of an appropriate size and resolution

- Captions and labels in all figures must be clear and legible

- List all references used on the last slides

- Insert slide numbers on each slide

Presentation

- Do not overload your slides

- 15 minutes per group for the presentation (strict schedule)

- Each group member should contribute to the presentation

- Try to speak freely and fluently

- Audience and course staff will ask questions

- A template for presentation slides is available in Moodle

Submission: 12 am on January 6, 2026

Presentation: January 6, 2026

Report

Individual submission of report

- The report should be based on the presentation

- Include suggestions and comments from the discussion of the presentation

- Describe your methods and analyses clearly and comprehensively

- Explain your design of experiments and surrogate model(s) in detail

- Introduce further utilized concepts, e.g., evaluation criteria, sensitivity analysis, uncertatinty quantification, ...

- Quantify uncertainty in model predictions and potential other estimates

- Notation must be consistent throughout the report

Report

- The report can be written in either English or German

- Up to 15 pages of main text (excluding cover page, table of contents, tables, figures, appendix, and bibliography)

- Follow the "Guidelines for Writing Reports" in Moodle

- Use any word processing software of your choice, but submit your report as a PDF file

- Upload your software code (e.g., as a ZIP archive); it must be executable and results must be reproducible

Submission: 12 am on January 13, 2026 (strict deadline)

Grading

Presentation

- Same grade for all group members unless there are considerable differences in the quality of the presentation

- Maximum number of points: 25

Report

- One report per group member with individual grading

- Maximum number of points: 75

Points	Grade
[50, 55)	4.0
[55, 60)	3.7
[60, 65)	3.3
[65, 70)	3.0
[70, 75)	2.7
[75, 80)	2.3
[80, 85)	2.0
[85, 90)	1.7
[90, 95)	1.3
[95, 100]	1.0

Total points = Presentation points + Report points $\Rightarrow$ Final grade