



Introduction to Scientific Working

Aart Middeldorp

Outline

1. Organisation
2. Some Content
3. Announcement

Organisation

- ▶ LVA 703073 group 2 VU 2 – 2.5 ECTS 08:30–10:00 in HS 11
- ▶ <http://cl-informatik.uibk.ac.at/teaching/ss26/ewa> OLAT

Consultation Hours

Aart Middeldorp 3M07 Monday 12:00–13:30

Schedule

lecture 1	March 5	lecture 6	April 23	lecture 11	June 11	presentations
lecture 2	March 12	lecture 7	April 30	lecture 12	June 18	presentations
lecture 3	March 19	lecture 8	May 7	lecture 13	June 25	presentations
lecture 4	March 26	lecture 9	May 21			
lecture 5	April 16	lecture 10	May 28			

Grading

$$\text{score} = E + P_1 + P_2 + R$$

E : points for solved **exercises** (at most 25)

P_1 : points for **presentation** of solutions (at most 10)

P_2 : points for **presentation** of assigned **topic** (at most 25)

R : points for **report** on assigned **topic** (at most 40)

$$\text{grade} = \text{score} \in (-50) \rightarrow 5 \quad [50 - 63) \rightarrow 4 \quad [63 - 75) \rightarrow 3 \quad [75 - 88) \rightarrow 2 \quad [88 -) \rightarrow 1$$

- ▶ solved exercises (5 times) must be marked and solutions must be uploaded in **OLAT** before **6 pm on Wednesday**
- ▶ report (\LaTeX and PDF) must be uploaded in **OLAT** before **July 2**
- ▶ topics will be announced on **March 19** and assigned on **March 26**

Grading (cont'd)

- ▶ VU \Rightarrow attendance is mandatory
- ▶ unexcused attendance is allowed once \Rightarrow zero points
- ▶ dropping out without grade is possible until **March 19**

Presentations

- ▶ solutions will be presented in first part of every subsequent lecture
- ▶ crossed exercises implies willingness to present solutions

Topics

- ▶ citations
- ▶ presentations
- ▶ refereeing
- ▶ ethics
- ▶ publications
- ▶ typesetting
- ▶ impact
- ▶ ranking

Keywords

- acknowledgement
- awards
- beamer
- bibliography
- CORE ranking
- DBLP
- conference
- editorial board
- generative AI
- Google Scholar
- h-index
- impact factor
- journal
- L^AT_EX
- LIPiCS
- LNCS
- open access
- plagiarism
- presentation
- program committee
- rebuttal
- review
- submission
- TikZ
- workshop
- ...

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Types of Scientific Works

- ▶ seminar report (Specialisation Seminar)
- ▶ bachelor thesis
- ▶ master thesis
- ▶ PhD thesis
- ▶ habilitation thesis
- ▶ workshop paper
- ▶ conference paper
- ▶ journal article
- ▶ book chapter
- ▶ book

Typesetting Resources

- ▶ CTAN – Comprehensive T_EX Archive Network
- ▶ T_EX Live



T_EX Live

```

\documentclass{article}
\begin{document}
Small is beautiful.
\end{document}
src
\documentclass{article}
\usepackage{xcolor}
\usepackage{shapepar}
\begin{document}
\color{red}
\heartpar{Shall I compare thee ...}
\end{document}
src

```

► `pdflatex filename.tex`

► `\documentclass[options]{class}`

class: article report book standalone ...

options: a4paper 11pt twocolumn fleqn landscape ...

► `\usepackage[options]{package}`

package: xcolor shapepar ... (CTAN contains more than 6878 packages)

Shall I compare thee to a summer's day? Thou art more lovely and more temperate: Rough winds do shake the darling buds of May, And summer's lease hath all too short a date; Sometime too hot the eye of heaven shines, And often is his gold complexion dimm'd; And every fair from fair sometime declines, By chance or nature's changing course untrimm'd; But thy eternal summer shall not fade, Nor lose possession of that fair thou ow'st; Nor shall death brag thou wander'st in his shade, When in eternal lines to time thou grow'st: So long as men can breathe or eyes can see, So long lives this, and this gives life to thee.



William Shakespeare – Sonnet 18

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Announcement (MIP seminar)

auf Anregung mehrerer Personen haben wir beschlossen, das **MIP-Seminar für Doktoranden** dieses Semester zum Zuhören für Studierende zu öffnen. Die Doktoranden sollen im Seminar einen Public-Outreach-Talk über ihr Forschungsthema halten. Da das für Studierende (BA/MA) sicher auch spannend ist, und damit alles ein bisschen weniger Trockenübung wird, würden wir uns über Besuch von Studierenden sehr freuen.

Es gibt in jeder Sitzung zwei Vorträge à 15 Minuten, danach kurze Diskussion. Die Termine der Sitzungen sind folgende:

Mi. 15.4., 13:45 Uhr, HS E	Mi. 13.5., 13:45 Uhr, HS E
Mi. 22.4., 13:45 Uhr, HS E	Mi. 20.5., 13:45 Uhr, HS E
Mi. 29.4., 13:45 Uhr, HS E	Mi. 27.5., 13:45 Uhr, HS E
Mi. 6.5., 13:45 Uhr, HS E	