

Advanced Data Analysis with Matrices and Tensors

Kick-off meeting
21 October 2015



Today's Agenda

- Check attendance
- Goals of the seminar
- Organization of the seminar
- Grading & guidelines

First Things First

- A block seminar
 - Preliminary work + one (or two) day(s) of presentations
- 7 ECTS credits
- Meeting all DLs and attending all talks is **mandatory** for passing the seminar
- Attending this kick-off meeting is mandatory

Head Count

Goals

- To learn how to read and understand recent research literature
- To learn how to write a concise report of a research article
- To learn how to present research
- To boldly read what no one (at this seminar) has read before
- To keep young people out of streets

Workflow

1. You read the paper (+ other papers)
2. You write a draft report and send it to me
3. I comment your report
4. You improve your report and prepare your presentation, which you also send to me
5. I comment your presentation
6. You improve your presentation and send me the final report
7. I distribute the reports to everybody
8. You read others' reports
9. You present your work and follow and discuss others' presentations

Schedule

Day	Topic
21 October	Kick-off
28 October	Info lecture
30 November	Report draft DL
14 December	Slides draft DL
December/January	Report DL
mid January	Seminar

December and January's Midterms

Klausurenkalender/ Examination Schedule - Saarland University - Department of Computer Science

Today ◀ ▶ December 2015 Print Week Month Agenda

Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	Dec 1	2	3	4	5 10am Automat
6	7 2pm Semantic	8	9 2pm Grundlag	10	11	12 9am Program
13	14	15				
20	21	22	23	24 Heiligabend	25 1. Weihnachts	26 2. Weihnacht
27	28	29	30	31	Jan 1	2

Events shown in time zone: Berlin



Klausurenkalender/ Examination Schedule - Saarland University - Department of Computer Science

Today ◀ ▶ January 2016 Print Week Month Agenda

Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30	31	Jan 1	2
3	4	5	6	7	8	9
			13	14	15	16
			20	21	22	23
24	25	26	27	28	29	30
31	Feb 1 2pm Diagnosti 4pm Lehren ur	2	3	4	5	6

Events shown in time zone: Berlin



IR&DM's 2nd midterm 10 December
IR&DM's 3rd midterm 4 February

Selecting the dates

- The seminar takes two full days
 - approximately 9 am till 4 pm
- The days have to be consecutive
- I've created a doodle where you can indicate which days would work with you
 - <http://doodle.com/poll/rfd2548a2tvvk95p>
 - Fill in the doodle **by the end of this week**
 - In case no days work for all, I select the best-fitting days

Odds and ends

- Remember to register to HISPOS
 - You can de-register for three weeks from now, but not after that
- The papers are now behind a username and password
 - see whiteboard or contact the lecturer

Grading Overview

- Report (2–4 pages):
 - Correctness, connections, criticism, style
- Slides & presentation (20 min):
 - Delivery, clearness, presentation skills
- Discussion (5–10 min):
 - Participation, correctness, connections

Report

- 2–4 pages
- **In your own words**
 - No verbatim copy
- Explain the main ideas of the paper
 - Research questions
 - Proposed solutions and their evaluation
- Write to somebody who hasn't read the paper
- Provide also extra connections & criticism towards the approach

Presentation

- 20 minutes (+ 5–10 minutes of discussion)
- Explain the main ideas of the paper
 - What, why, and how
- Build connections and provide criticism where appropriate
- Target to audience that knows CS and basics of DM and ML
 - Some audience knows more on your topic, others less; cater for both groups

Discussion

- After you've followed a presentation, discuss
 - You know the topic a bit: you've read the report
- Ask if something was left unclear
- Tell if you know more on something
- After technical part, give constructive feedback on the presentation itself
- Actually discussing is **mandatory**

Info lecture

- Next week I'll give an info lecture covering the background for the papers
 - Especially, background on tensors
- Attendance is voluntary but highly recommended
- Time and place the same as today

Lecture on giving presentations?

- If there's demand, I might give one lecture on giving presentations
 - No soft-skills seminar, just few tidbits on how to give a presentation and how to prepare slides in this seminar
- Schedule: November