



Image Segmentation and Shape Analysis



Daniel Cremers



Frank R. Schmidt



Csaba Domokos

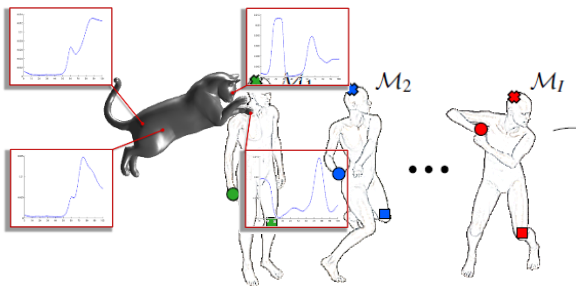


Matthias Vestner



Zorah Lähler

What You Will Learn in the Seminar



Get an overview on research in image segmentation and shape analysis



Be able to read and understand scientific publications



Prepare and give a talk



Write a scientific report

Preparation



Please do not work on your topic completely alone

Meet at least twice with your supervisor

2 x



1 month



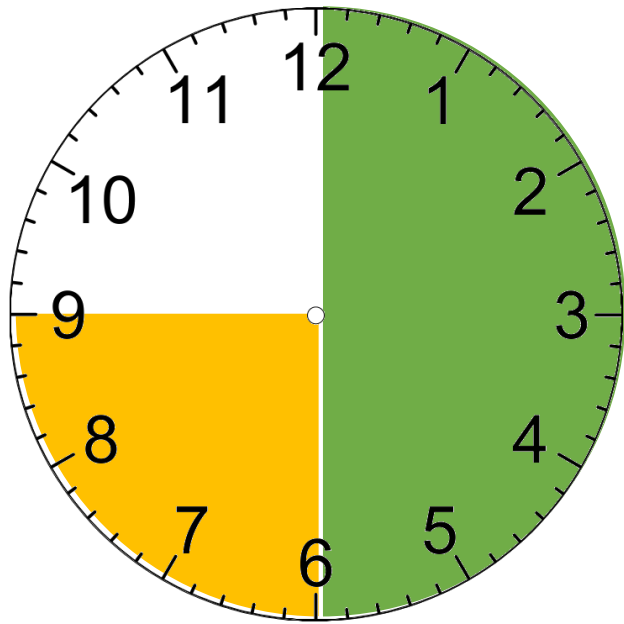
1 week



+ 2 weeks

(Hard constraints)

Presentation



- ~ 20 slides
- use visualizations
- At most 10 lines of text
- number your slides

Recommended structure

1. Outline
2. Approach
3. Summary

Report

Overview and main contributions
of the assigned topic




6-10 pages

Latex template
available on the web
page

Preparation Meeting

Preparation meeting will be on **Monday 26th of January 10:00** in room 02.09.023. **Attendance at the preparation meeting will be very important, since the topics will be assigned in this meeting.** If you cannot make it, write an email to Thomas Windheuser .

Final reports should be written in LaTeX using the provided template:  Report template.

Timetable

The weekly meetings will take place on Thursday 14:00 in room 02.09.023. For a more precise specification of the literature, see the section "Literature". If you cannot find the PDF on the web, please send an email to Thomas Windheuser .

	Topic Title	Date	Supervisor	Student	Report	Slides
1	to be announced	Thursday 14:00 April 09, 2015	tba	tba		
2	to be announced	Thursday 14:00 April 16, 2015	tba	tba		
3	to be announced	Thursdav 14:00 April 23, 2015	tba	tba		

Evaluation Criteria

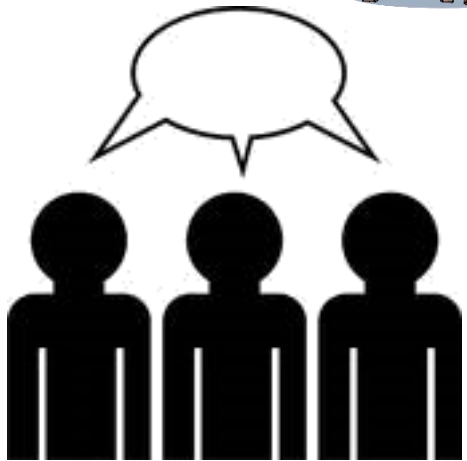
Attendance at each appointment is necessary!

Participation influences the final grade.



Report and presentation should be more detailed than original paper

- Focus on the main aspects
- Understand them in every detail
- It may be important to check related articles or text books



Assignment of Topics

Timetable

The weekly meetings will take place on **Thursday 14:00** in **Room 02.09.023**.
Each week two students will give a presentation.
Depending on the number of participants, dates may change.

Date	Title	Article	Topics	Student	Supervisor	Slides	Report
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Password required

Enter Password: **WellShaped**

Daten absenden

	from Functional Correspondence	Link			Vestner		
N/A	Geodesics in Heat	PDF Link	LB	N/A	Matthias Vestner	N/A	N/A

shapeseminar@vision.in.tum.de

An: shapeseminar@vision.in.tum.de

Betreff: Favourite topics

Normaler Text Variable Breite

Hi,

my favourite topics for the seminar on shape analysis are:

1. PaperA
2. PaperB
3. PaperC
4. PaperD

It would be nice if I get assigned one of them.

Best,
xyz