Seminar Computergraphik
Sommersemester 2023

Current research topics and results in the field of computer graphics

Seminar Overview

- Goal: Introduction to scientific work
- Individual topic and supervisor
- Tasks:
  - Writing a **summary** about a paper (scientific publication)
  - Write a **review** about the summary of another participant
  - **Presentation** of the paper with subsequent discussion

Task — **Latex Summary**

- Reading and understanding the paper
- Contacting the supervisor in case of questions
- Summary:
  - Show that you understood the topic
  - What are the positive and negative aspects of the paper?
  - Written in your own words
  - At least 8 pages in the CG Latex template
  - Language: German or English

Task — **Review**

- Read and review the summary of another participant
  - Is the contribution of the paper clear?
  - Has the method been explained sufficiently?
  - Are equations, plots, and images correct and adequate?
  - …
- Roughly 1 – 2 pages
- Afterwards: Improve your own summary based on the feedback

Task— **Presentation**

- Create slide using your preferred template and software tool
- **Practice of the talk** with your supervisor (Mandatory!)
- Final Presentation
  - Max. 20 mins
  - 10 mins discussion and questions
  - *07.07.2023, 09:00 - 12:00: Talks 1*
  - *10.07.2023, 09:00 - 12:00: Talks 2*

Evaluation Criteria

- Compliance with mandatory deadlines
- Communication with supervisor
- Bachelor or Master student
- Quality of the latex summary
- Active participation in the review process
- **Main part**: Quality of presentation and slides

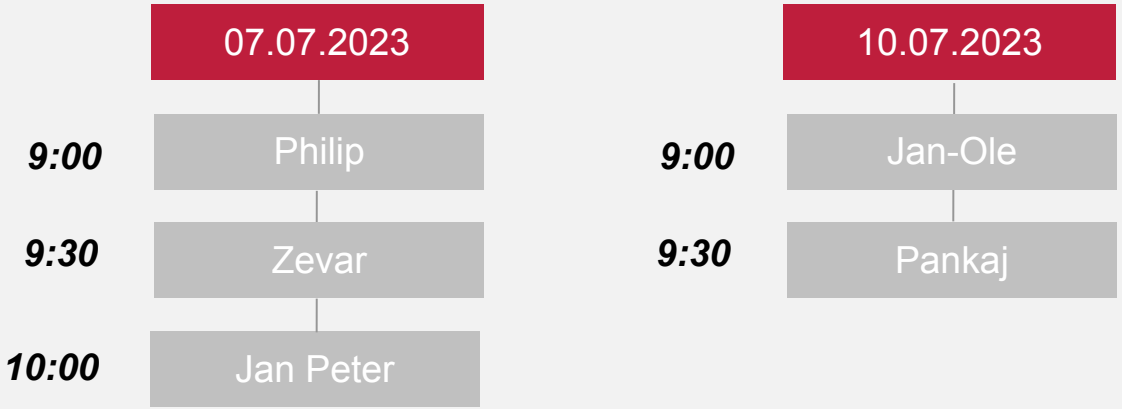
Timeline

Kick-Off	Now ☺
Deregistration deadline	*26.04.2023*
Summary deadline	14.05.2023
Review deadline	28.05.2023
Improved summary deadline	18.06.2023
Practice talk deadline	30.06.2023
Hand in of presentation slides	06.07.2023
Talks 1	07.07.2023, 09:00 Uhr
Talks 2	10.07.2023, 09:00 Uhr

Topic Assignment

Name	Topic	Supervisor	Mail
Philip Harling	Noise-based Enhancement for Foveated Rendering	Colin Groth	groth@cg.cs.tu-bs.de
Zevar Hoshimova	Example-Based Microstructure Rendering with Constant Storage	Sascha Fricke	fricke@cg.cs.tu-bs.de
Jan-Ole Kirstein	Fast Dynamic Radiance Fields with Time-Aware Neural Voxels	Moritz Kappel	kappel@cg.cs.tu-bs.de
Pankaj Rajoria	Do You See What You Mean? Using Predictive Visualizations to Reduce Optimism in Duration Estimates	Susana Castillo	castillo@cg.cs.tu-bs.de
Jan Peter Vierling	SyncUp: Vision-based Practice Support for Synchronized Dancing	Jan-Philipp Tauscher	tauscher@cg.cs.tu-bs.de

Presentation dates



Attendance is mandatory in both sessions!

graphics.tu-bs.de/teaching

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