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
<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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<tbody>
<tr>
<td>Kick-Off</td>
<td>Now 😊</td>
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<tr>
<td><em>Deregistration deadline</em></td>
<td>26.04.2023</td>
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<tr>
<td>Summary deadline</td>
<td>14.05.2023</td>
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<td>Review deadline</td>
<td>28.05.2023</td>
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<td>Improved summary deadline</td>
<td>18.06.2023</td>
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<td>Practice talk deadline</td>
<td>30.06.2023</td>
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<td>Hand in of presentation slides</td>
<td>06.07.2023</td>
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<tr>
<td><strong>Talks 1</strong></td>
<td>07.07.2023, 09:00 Uhr</td>
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<tr>
<td><strong>Talks 2</strong></td>
<td>10.07.2023, 09:00 Uhr</td>
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## Topic Assignment

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

07.07.2023

9:00 Philip
9:30 Zevar
10:00 Jan Peter

10.07.2023

9:00 Jan-Ole
9:30 Pankaj

Attendance is mandatory in both sessions!
graphics.tu-bs.de/teaching

seminar@cg.cs.tu-bs.de