Advanced Video Content Analysis and Video Compression (5LSH0)

Code of conduct

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Video Coding and Architectures Research group, TU/e

Practical exercises – (1)

- Find the lecture slides of 5LSH0 on our website http://vca.ele.tue.nl/
- To pass the course Advanced Video Content Analysis and Video Compression (5LSH0)
  - First - complete the practical exercises and have them approved
  - Then pass an oral examination

Practical exercises – (2)

- Choose the assignments to spend 48 hours on them

<table>
<thead>
<tr>
<th>Exercise</th>
<th>Module</th>
<th>Time</th>
<th>Contact</th>
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<tbody>
<tr>
<td>1. Mean-Shift Tracking</td>
<td>7</td>
<td>32h</td>
<td>Willem Sanberg</td>
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<tr>
<td>2. Motion-Based Object Segmentation</td>
<td>basic</td>
<td>6</td>
<td>Willem Sanberg</td>
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<tr>
<td></td>
<td>extended</td>
<td>6 &amp; 6</td>
<td>Flux 5.092</td>
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<td>3. Interest Points</td>
<td>4</td>
<td>16h</td>
<td>Fons van der Sommen</td>
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<td></td>
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<td>8</td>
<td>Flux 5.092</td>
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<td>4. Clustering</td>
<td>8</td>
<td>16h</td>
<td>Fons van der Sommen</td>
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<td>extended</td>
<td>16</td>
<td>Flux 5.092</td>
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For exercises 2 and 4 choose either basic or extended version, not both

Practical exercises – (3)

- For deep learning we have an optional assignment that is not obligatory but can give you some extra points
- The assignment will be provided by e-mail contact in the course of September

Practical exercises – (4)

- If you need help, advice or for checking the preliminary results, contact Fons van der Sommen or Willem Sanberg
- Fons van der Sommen, Willem Sanberg and Sveta Zinger check your reports
  - Grading on 10-point scale
  - Reports and grades are then provided to Prof. Peter de With
- Requirement for taking oral exam: average grade for reports should be at least a 5 out of 10.

Assignment deadline and oral exam

- Assignment reports have to be submitted in advance
  - At least two weeks before the oral exam takes place
  - Deadline is October 31st, 2017
- Make an appointment for your oral exam
  - Contact our secretary (secreesps@tue.nl)
  - Oral exams are planned on the following dates:
    • Oct. 25, Nov. 1st, Nov. 8th and Nov. 15th, 2017.
- Final grade for the course is determined by 70% of the oral exam and 30% of the assignments.