General schedule (as presented Oct. 10\textsuperscript{th})

• Team up – groups of 2 students ✓

• Choose your topic: → Oct. 10\textsuperscript{th}, refine til next week ✓
   → Discuss with us, Oct. 17\textsuperscript{th}, 15:30 ✓

• Write a 1-page topic description:
  • Topic, data
  • Problem(s)
  • Model(s)
  • Envisioned solution(s)
  • Expected results → mail to axel.pinz@tugraz.at and feichtenhofer@tugraz.at by Oct. 31\textsuperscript{st} ✓
  → brief individual feedback Nov. 7\textsuperscript{th} ✓

• Mid-term presentation → Nov. 28\textsuperscript{th}, in class

• Final presentation → Jan. 30\textsuperscript{th}, in class
  • Slides
  • Data + code
  • Written report
<table>
<thead>
<tr>
<th>Team</th>
<th>Students</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Ronacher, Kmeid</td>
<td>Video recognition (flow) ADAs (driver assistance)</td>
</tr>
<tr>
<td>2</td>
<td>Hussain , Tähtinen</td>
<td>Printed text recognition</td>
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<tr>
<td>3</td>
<td>Leopold, Steger</td>
<td>Equation solver</td>
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<tr>
<td>4</td>
<td>Feldhofer, Ruby</td>
<td>Emotion recognition from facial images</td>
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<tr>
<td>5</td>
<td>Zach, Mahmoud</td>
<td>Rubik’s cube</td>
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<tr>
<td>6</td>
<td>Salhofer, Warmer</td>
<td>Motion prediction</td>
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<tr>
<td>7</td>
<td>Strasser, Micorek</td>
<td>Sudoku solver</td>
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<tr>
<td>8</td>
<td>Ainetter, Jantscher</td>
<td>Traffic signs (either from one image or from video)</td>
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<tr>
<td>9</td>
<td>Kulmer, Samec</td>
<td>Video segmentation: comparison of several approaches</td>
</tr>
<tr>
<td>10</td>
<td>Kopp, Komposch</td>
<td>Semantic segmentation</td>
</tr>
</tbody>
</table>

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Mid-term Presentations (Nov. 28th)

• Data: collect some of your data, show them, do some experiments towards your goals
• Robustness: more than just one demo image/video, variation in appearance, level of difficulty, occlusions, noise, …
• Start implementing first algorithmic steps → gain confidence in your approach / redesign (adapt the problem, data, representations, algorithms)
• Brief presentation (mail us a pdf by Nov. 27th)
Mid-term Presentations (Nov. 28th)

• Show your data, discuss pros, cons, problems
• Explicitly talk about representations and algorithms:
  • How to model your objects?
  • How to find them in your data?
  • Alternative solutions
  • Pros, cons, problems

• Approx 5 slides
• Approx. 5 minutes of presentation
• Time per team max.10 minutes, including feedback+discussion