

Computer Vision Group Prof. Daniel Cremers



# Visual Navigation for Flying Robots

## **Final Project Presentations**

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#### Lecture Notes

- All lecture material in one PDF file
- Printer-friendly 6 slides per page, 180 pages
- Available for download on the course website
- Contains all acknowledgements



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## **Getting Involved**

How can you get involved in scientific research during your study?

- Bachelor lab course (10 ECTS)
- Bachelor thesis (15 ECTS)
- Graduate lab course (10 ECTS)
- Interdisciplinary project (16 ECTS)
- Master thesis (30 ECTS)
- Student research assistant (10 EUR/hour, typically 10 hours/week)

## **Open HiWi Position**

- Dissemination of our research
- Tasks would include
  - Ask people about cool research results
  - Produce Youtube videos
  - Write small posts and put on social media (our website, Facebook, Google+)
- No background in computer vision/computer science required
- Tell your friends/flatmates/...

### **Student Projects**

- 9 project proposals
- 8 final presentations
- 5-10 minute presentation
- 5 minute discussion and feedback
- We would like to record the final presentations
  - This is voluntary, only when the whole team is comfortable with this
  - Let us (Erik) know when you do not want to be recorded

## **Feedback after the Presentation**

- Have you been inspired?
- Have you been convinced that this works/ can in principle work?
- Give (constructive) comments on
  - the presentation itself (body language, ...)
  - the motivation (the scientific problem, the potential applications, ...)
  - possible extensions for the future (also in terms of future research projects)
  - other ideas/comments

#### Summary

- Interesting set of challenging research problems
- Repeatability demonstrated (definitely for landing on a moving platform)
- Impressed by the high quality of projects and final talks
- Very nice videos
- We will put the videos on a protected area on the website
- If anybody wants to continue to work on / extend his project, let us know
- Good work everybody! Have a nice summer!
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