Visual Navigation for Flying Robots
D. Cremers, J. Sturm, N. Engelhard
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Computer Vision Group
Institut für Informatik
Technische Universität München

Sheet 4

Topic: Proposal

Submission deadline: Tue, 19.06.2012, 10:15 a.m.
Hand-in via email to visnav2012@cvpr.in.tum.de

Exercise: Project Proposal

In the remainder of the semester, you will implement your own project on visual navigation for flying robots. This week, your task is to prepare a five minute talk to be presented in the next exercise. More information on how to structure your talk is available on the course website. Our (non-binding) recommendation is that you prepare 3–5 slides with the following structure:

(a) Motivation/application: Illustrate what problem you want to solve. Argue why this problem is important/relevant. Add an image or a sketch, make this slide visually appealing (and non-technical!).

(b) Problem specification: State your research question. Specify the problem mathematically. Argue why this problem is challenging/open/scientifically interesting.

(c) Approach: Explain how you want to solve the problem. Give some technical details.

(d) Implementation plan (optional): Break down the problem into individual sub tasks, and possibly assign them to your team members. Specify milestones (and deadlines for these milestones). Formulate the challenges/risks, and possible contingency plans.

(e) Future work (optional): Discuss potential applications of your approach. Discuss potential future research directions (e.g., for a master thesis project).

Submission instructions

Please submit your presentation slides as a PDF via email to `visnav2012@cvpr.in.tum.de`.