

Sara Erhard



Background

- 2001 - 2008: Study of Computer Science at University of Tübingen (Tübingen, Germany)
- June 2008: Diploma thesis: "Visual Localization with a Quadrocopter"
- Since October 2008: Research assistant at the Department of Computer Architecture, University of Tübingen

Research Interests

- Autonomous Flying with a Quadrocopter
- Computer Vision
- Self-Localization and Mapping
- Mobile Devices

Current Projects

- Autonomous flying robots (Quadrocopter of [Asctec](#))
- Vision-based localization (implemented on a [Nokia N95](#))

Publications

Flyphone: Visual Self-Localisation Using a Mobile Phone as Onboard Image Processor on a Quadrocopter

Sara Erhard, Karl E. Wenzel, Andreas Zell

In Proceedings of the 2nd International Symposium on Unmanned Aerial Vehicles (UAV 2009). Reno, Nevada, USA, June 8-10, 2009.

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