

Daniel Dube



Background

- since 05/2009: Research assistant at the Department of Computer Architecture, University of Tübingen
- 08/2008 - 04/2009: Software Developer at Visimation GmbH
- 2002 - 2008: Studies of Computer Science at the TU Munich
- 2001: Abitur at the Maria-Sybilla-Merian-Gymnasium in Herrnhut

Research Interests

- Computer Vision
- Machine Learning

Projects

- Personenerkennendes Autonomes Transportsystem, granted by the BMBF
- Participation in the SICK robot day competition

Publications

- [1] Gerald Rauscher, Daniel Dube, and Andreas Zell. A comparison of 3d sensors for wheeled mobile robots. In *2014 International Conference on Intelligent Autonomous Systems (IAS-13)*, Padova, Italy, July 2014.
- [2] Sebastian A. Scherer, Daniel Dube, and Andreas Zell. Using Depth in Visual Simultaneous Localisation and Mapping. In *IEEE International Conference on Robotics and Automation*, St. Paul, Minnesota, USA, May 2012.
- [3] Daniel Dube and Andreas Zell. Real-time plane extraction from depth images with the randomized hough transform. In *IEEE ICCV Workshop on Challenges and Opportunities in Robot Perception*, pages 1084 --1091, Barcelona, Spain, November 2011. [[DOI](#)]
- [4] Sebastian A. Scherer, Daniel Dube, Philippe Kamma, Andreas Masselli, and Andreas Zell. Robust Real-Time Number Sign Detection on a Mobile Outdoor Robot. In *Proceedings of the 6th European Conference on Mobile Robots (ECMR 2011)*, Örebro, Sweden, September 2011.

Contact

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