Nikolas Engelhard

List of Publications

[C1] F. Endres, J. Hess, N. Engelhard, J. Sturm, D. Cremers and W. Burgard,

An Evaluation of the RGB-D SLAM System,

Int. Conf. on Robotics and Automation, St. Paul, MA, USA, May 2012.

[C2] Dominik Joho AND Gian Diego Tipaldi AND Nikolas Engelhard AND Cyrill Stachniss
AND Wolfram Burgard,

Nonparametric Bayesian Models for Unsupervised Scene Analysis and Reconstruction,


[C3] J. Sturm, N. Engelhard, F. Endres, W. Burgard and D. Cremers,

A Benchmark for the Evaluation of RGB-D SLAM Systems,


[C1] N. Engelhard, F. Endres, J. Hess, J. Sturm and W. Burgard,

Real-time 3D visual SLAM with a hand-held camera,

Proc. of the RGB-D Workshop on 3D Perception in Robotics at the European Robotics Forum,
Vasteras, Sweden, April 2011.

and R. Siegwart,

Towards a benchmark for RGB-D SLAM evaluation,

Proc. of the RGB-D Workshop on Advanced Reasoning with Depth Cameras at Robotics:
Science and Systems Conf. (RSS), Los Angeles, USA, June 2011.

[C1] R. Kaestner, N. Engelhard, R. Triebel and R. Siegwart,

A Bayesian Approach to Learning 3D Representations of Dynamic Environments,

Proc. of The 12th International Symposium on Experimental Robotics (ISER), Berlin,