


Dr. Nico Blodow

List of Publications

[C4] Radu Bogdan Rusu, Nico Blodow and Michael Beetz,
**Fast Point Feature Histograms (FPFH) for 3D Registration,**
*Proceedings of the IEEE International Conference on Robotics and Automation (ICRA), Kobe, Japan, May 12-17, 2009.*

[C5] Nico Blodow, Radu Bogdan Rusu, Zoltan Csaba Marton and Michael Beetz,
**Partial View Modeling and Validation in 3D Laser Scans for Grasping,**
*9th IEEE-RAS International Conference on Humanoid Robots (Humanoids), Paris, France, December 7-10 2009.*

[C6] Michael Beetz, Nico Blodow, Ulrich Klank, Zoltan Csaba Marton, Dejan Pangeric and Radu Bogdan Rusu,
**CoP-Man – Perception for Mobile Pick-and-Place in Human Living Environments,**

[J1] Radu Bogdan Rusu, Zoltan Csaba Marton, Nico Blodow, Mihai Dolha and Michael Beetz,
**Towards 3D Point Cloud Based Object Maps for Household Environments,**

[C1] Zoltan Csaba Marton, Nico Blodow, Mihai Dolha, Moritz Tenorth, Radu Bogdan Rusu and Michael Beetz,
**Autonomous Mapping of Kitchen Environments and Applications,**
*Proceedings of the 1st International Workshop on Cognition for Technical Systems, Munich, Germany, 6-8 October, 2008.*

[C2] Radu Bogdan Rusu, Zoltan Csaba Marton, Nico Blodow and Michael Beetz,
**Interpretation of Urban Scenes based on Geometric Features,**

[C3] Radu Bogdan Rusu, Zoltan Csaba Marton, Nico Blodow and Michael Beetz,
**Learning Informative Point Classes for the Acquisition of Object Model Maps,**

[C4] Michael Beetz, Freek Stulp, Bernd Radig, Jan Bandouch, Nico Blodow, Mihai Dolha, Andreas Fedrizzi, Dominik Jain, Uli Klank, Ingo Kresse, Alexis Maldonado, Zoltan Marton, Lorenz Mösenlechner, Federico Ruiz, Radu Bogdan Rusu and Moritz Tenorth,
**The Assistive Kitchen – A Demonstration Scenario for Cognitive Technical Systems,**
*IEEE 17th International Symposium on Robot and Human Interactive Communication (RO-MAN), Munich, Germany, 1-8, 2008.*
[C5] Radu Bogdan Rusu, Jan Bandouch, Zoltan Csaba Marton, Nico Blodow and Michael Beetz,
Action Recognition in Intelligent Environments using Point Cloud Features Extracted from Silhouette Sequences,
IEEE 17th International Symposium on Robot and Human Interactive Communication (RO-MAN), Muenchen, Germany, 2008.

[C6] Radu Bogdan Rusu, Zoltan Csaba Marton, Nico Blodow and Michael Beetz,
Persistent Point Feature Histograms for 3D Point Clouds,

[C7] Radu Bogdan Rusu, Zoltan Csaba Marton, Nico Blodow, Mihai Emanuel Dolha and Michael Beetz,
Functional Object Mapping of Kitchen Environments,

[C8] Radu Bogdan Rusu, Nico Blodow, Zoltan Csaba Marton and Michael Beetz,
Aligning Point Cloud Views using Persistent Feature Histograms,

[C1] Radu Bogdan Rusu, Nico Blodow, Zoltan-Csaba Marton, Alina Soos and Michael Beetz,
Towards 3D Object Maps for Autonomous Household Robots,