Keywords: Scene-flow

List of Publications

**Journal Articles**

[J1] A. Wedel, T. Brox, T. Vaudrey, C. Rabe, U. Franke and D. Cremers,
*Stereoscopic Scene Flow Computation for 3D Motion Understanding*,

**Books**

[B1] A. Wedel and D. Cremers,
*Stereoscopic Scene Flow for 3D Motion Analysis*,
Springer 2011.

**Conference and Workshop Papers**

[C1] M. Jaimez, C. Kerl, J. Gonzalez-Jimenez and D. Cremers,
*Fast Odometry and Scene Flow from RGB-D Cameras based on Geometric Clustering*,
*Proc. of the IEEE Int. Conf. on Robotics and Automation (ICRA)*, 2017.

[C2] Golyanik, V., Kim, K., Maier, R., Niesner, M., Stricker, D., Kautz and J.,
*Multiframe Scene Flow with Piecewise Rigid Motion*,

[C3] N.Mayer, E.Ilg, P.Haeusser, P.Fischer, D.Cremers, A.Dosovitskiy and T.Brox,
*A Large Dataset to Train Convolutional Networks for Disparity, Optical Flow, and Scene Flow Estimation*,
*IEEE International Conference on Computer Vision and Pattern Recognition (CVPR)*, 2016.

[C4] M. Jaimez, M. Souiai, J. Gonzalez-Jimenez and D. Cremers,
*A Primal-Dual Framework for Real-Time Dense RGB-D Scene Flow*,
*Proc. of the IEEE Int. Conf. on Robotics and Automation (ICRA)*, 2015.

[C5] M. Jaimez, M. Souiai, J. Stueckler, J. Gonzalez-Jimenez and D. Cremers,
*Motion Cooperation: Smooth Piece-Wise Rigid Scene Flow from RGB-D Images*,

[C6] A. Wedel, C. Rabe, A. Meissner, U. Franke and D. Cremers,
*Detection and Segmentation of Independently Moving Objects from Dense Scene Flow*,

[C7] A. Wedel, C. Rabe, T. Vaudrey, T. Brox, U. Franke and D. Cremers,
*Efficient Dense Scene Flow from Sparse or Dense Stereo Data*,
Marseille, France, October 2008.