

Journal Articles

- [J1] Krieg, Michael, Stühmer, Jan, Cueva, Juan G, Fetter, Richard, Spilker, Kerri, Cremers, Daniel, Shen, Kang, Dunn, Alexander R, Goodman and Miriam B,
Genetic defects in s-spectrin and tau sensitize C. elegans axons to movement-induced damage via torque-tension coupling,
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- [J2] Krieg, Michael, Stühmer, Jan, Cueva, Juan G, Fetter, Richard, Spilker, Kerri, Cremers, Daniel, Shen, Kang, Dunn, Alex R, Goodman and Miriam B,
Tau Like Proteins Reduce Torque Generation in Microtubule Bundles,
Biophysical Journal, 112(3): 29a-30a, 2017.
- [J3] Y. Arboleda-Estudillo, M. Krieg, J. Stühmer, N. A. Licata, D. J. Muller and C.-P. Heisenberg,
Movement Directionality in Collective Migration of Germ Layer Progenitors,
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Conference and Workshop Papers

- [C1] J. Stühmer and D. Cremers,
A Fast Projection Method for Connectivity Constraints in Image Segmentation,
X.-C. Tai, E. Bae, T. F. Chan and M. Lysaker(Eds.), , 2015.
- [C2] J. Stühmer, S. Nowozin, A. Fitzgibbon, R. Szeliski, T. Perry, S. Acharya, D. Cremers and J. Shotton,
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Santiago, Chile, 2015.
- [C3] M. R. Oswald, J. Stühmer and D. Cremers,
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- [C4] R. Triebel, J. Stühmer, M. Souiai and D. Cremers,
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- [C5] J. Stühmer, P. Schröder and D. Cremers,
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- [C6] J. Stühmer, S. Gumhold and D. Cremers,
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Darmstadt, Germany, 11-20, September 2010.
- [C7] J. Stühmer, S. Gumhold and D. Cremers,
Parallel Generalized Thresholding Scheme for Live Dense Geometry from a Handheld Camera,
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PhDThesis

MastersThesis

- [M1] J. Stühmer,
**Ein Variationsansatz zur Schätzung von dichten Tiefenkarten im Kontext des
Structure-from-Motion,**
TU Dresden, Germany, July 2010.