

Journal Articles

- [J1] S Klenk, L Koestler, D Scaramuzza and D Cremers,
E-nerf: Neural radiance fields from a moving event camera,
IEEE Robotics and Automation Letters, 8(3): 1587-1594, 2023.
- [J2] S Klenk, D Bonello, L Koestler and D Cremers,
Masked Event Modeling: Self-Supervised Pretraining for Event Cameras,
arXiv preprint arXiv:2212.10368, 2022.

Conference and Workshop Papers

- [C1] F Hofherr, L Koestler, F Bernard and D Cremers,
Neural Implicit Representations for Physical Parameter Inference from a Single Video,
IEEE/CVF Winter Conference on Applications of Computer Vision (WACV), 2023.
- [C2] D Muhle, L Koestler, N Demmel, F Bernard and D Cremers,
The Probabilistic Normal Epipolar Constraint for Frame-To-Frame Rotation Optimization under Uncertain Feature Positions,
IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2022.
- [C3] L Koestler, D Grittner, M Moeller, D Cremers and Z Löhner,
Intrinsic Neural Fields: Learning Functions on Manifolds,
European Conference on Computer Vision (ECCV), 2022.
- [C4] L Koestler, N Yang, N Zeller and D Cremers,
TANDEM: Tracking and Dense Mapping in Real-time using Deep Multi-view Stereo,
Conference on Robot Learning (CoRL), 2021, **3DV'21 Best Demo Award**.
- [C5] L. Koestler, N. Yang, R. Wang and D. Cremers,
Learning Monocular 3D Vehicle Detection without 3D Bounding Box Labels,
Proceedings of the German Conference on Pattern Recognition (GCPR), 2020.