Author: N. Yang

List of Publications

Journal Articles

[J1] T Yenamandra, A Tewari, N Yang, F Bernard, C Theobalt and D Cremers,
HDSDF: Hybrid Directional and Signed Distance Functions for Fast Inverse Rendering,
2022.

[J2] N. Yang, R. Wang, X. Gao and D. Cremers,
Challenges in Monocular Visual Odometry: Photometric Calibration, Motion Bias and Rolling Shutter Effect,

Conference and Workshop Papers

[C1] F. Wimbauer, N. Yang, L. von Stumberg, N. Zeller and D Cremers,
MonoRec: Semi-Supervised Dense Reconstruction in Dynamic Environments from a Single Moving Camera,

[C2] 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.

[C3] R. Wang, N. Yang, J. Stueckler and D. Cremers,
DirectShape: Photometric Alignment of Shape Priors for Visual Vehicle Pose and Shape Estimation,

[C4] N. Yang, L. von Stumberg, R. Wang and D. Cremers,
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[C5] L. Koestler, N. Yang, R. Wang and D. Cremers,
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4Seasons: A Cross-Season Dataset for Multi-Weather SLAM in Autonomous Driving,

[C7] L. von Stumberg, P. Wenzel, N. Yang and D. Cremers,
LM-Reloc: Levenberg-Marquardt Based Direct Visual Relocalization,
[C8] E. Jung, N. Yang and D. Cremers,
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*Conference on Robot Learning (CoRL)*, 2019, **Full Oral Presentation**.

[C9] N. Yang, R. Wang, J. Stueckler and D. Cremers,
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