Computer Vision Group Munich

List of Publications

[J1] Quau, Y., Mecca, R., Durou, J.-D., Descombes and X.,
Photometric Stereo with Only Two Images: A Theoretical Study and Numerical Resolution,

[J2] Bhr, M., Breuß, M., Quau, Y., Bouroujerdi, A. S., Durou and J.-D.,
Fast and accurate surface normal integration on non-rectangular domains,

[J3] Quau, Y., Durix, B., Wu, T., Cremers, D., Lauze, F., Durou and J.-D.,
LED-based Photometric Stereo: Modeling, Calibration and Numerical Solution,

[C1] Quau, Y., Pizenberg, M., Durou, J.-D., Cremers and D.,
Microgeometry capture and RGB albedo estimation by photometric stereo without demosaicing,

[C2] Quau, Y., Wu, T., Cremers and D.,
Semi-Calibrated Near-Light Photometric Stereo,
*International Conference on Scale Space and Variational Methods in Computer Vision (SSVM)*, Kolding, Denmark, 2017.

[C3] Mlou, J., Quau, Y., Durou, J.-D., Castan, F., Cremers and D,
Beyond Multi-view Stereo: Shading-Reflectance Decomposition,
*International Conference on Scale Space and Variational Methods in Computer Vision (SSVM)*, Kolding, Denmark, 2017.

[C4] Lauze, F., Quau, Y., Plenge and E.,
Simultaneous Reconstruction and Segmentation of CT Scans with Shadowed Data,
*International Conference on Scale Space and Variational Methods in Computer Vision (SSVM)*, Kolding, Denmark, 2017.

[C5] Quau, Y., Wu, T., Lauze, F., Durou, J.-D., Cremers and D.,
A Non-Convex Variational Approach to Photometric Stereo under Inaccurate Lighting,
*IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, Honolulu, USA, 2017.

[C6] Quau, Y., Mlou, J., Durou, J.-D., Cremers and D.,
Dense Multi-view 3D-reconstruction Without Dense Correspondences,

[C7] Quau, Y., Pizenberg, M., Cremers, D., Durou and J.-D.,
Strophotomtrie microscopique sans demosaquage,
*GRETSI*, Juan-les-Pins, USA, 2017.
[J1] Mecca, R., Quau, Y., Logothetis, F., Cipolla and R.,
A Single-Lobe Photometric Stereo Approach for Heterogeneous Material,