Journal Articles

[J1] Z. Ye, B. Haefner, Y. Queau, T. Möllenhoff and D. Cremers,
A Cutting-Plane Method for Sublabel-Accurate Relaxation of Problems with Product Label Spaces,

[J2] B. Haefner, S. Peng, A. Verma, Y. Queau and D. Cremers,
Photometric Depth Super-Resolution,

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

[J4] Y. Queau, J.-D. Durou and J.-F. Aujol,
Normal Integration: A Survey,

[J5] Y. Queau, J.-D. Durou and J.-F. Aujol,
Variational Methods for Normal Integration,

[J6] J. Melou, Y. Queau, J.-D. Durou, F. Castan and D. Cremers,
Variational Reflectance Estimation from Multi-view Images,

[J7] Y. Queau, R. Mecca, J.-D. Durou and X. Descombes,
Photometric Stereo with Only Two Images: A Theoretical Study and Numerical Resolution,

[J8] M. Bähr, M. Breus, Y. Queau, A. S. Bouroujerdi and J.-D. Durou,
Fast and accurate surface normal integration on non-rectangular domains,

[J9] R. Mecca, Y. Queau, F. Logothetis and R. Cipolla,
A Single-Lobe Photometric Stereo Approach for Heterogeneous Material,

Conference and Workshop Papers

[C1] Z. Ye, B. Haefner, Y. Queau, T. Möllenhoff and D. Cremers,
Sublabel-Accurate Multilabeling Meets Product Label Spaces,
*DAGM German Conference on Pattern Recognition (GCPR)*, 2021.

[C2] B. Haefner, Y. Queau and D. Cremers,
Photometric Segmentation: Simultaneous Photometric Stereo and Masking,
*International Conference on 3D Vision (3DV)*, Quebec City, Canada, September 2019, Spotlight Presentation.
[C3] B. Haefner, Z. Ye, M. Gao, T. Wu, Y. Queau and D. Cremers,
Variational Uncalibrated Photometric Stereo under General Lighting,
IEEE/CVF International Conference on Computer Vision (ICCV), Seoul, South Korea, October 2019.

[C4] B. Haefner, Y. Queau, T. Möllenhoff and D. Cremers,
Fight ill-posedness with ill-posedness: Single-shot variational depth super-resolution from shading,

[C5] Y. Queau, M. Pizenberg, J.-D. Durou and D. Cremers,
Microgeometry capture and RGB albedo estimation by photometric stereo without demosaicing,
International Conference on Quality Control by Artificial Vision (QCAV), 2017.

[C6] Y. Queau, T. Wu, F. Lauze, J.-D. Durou and D. Cremers,
A Non-Convex Variational Approach to Photometric Stereo under Inaccurate Lighting,

[C7] Y. Queau, J. Melou, J.-D. Durou and D. Cremers,
Dense Multi-view 3D-reconstruction Without Dense Correspondences,

[C8] Y. Queau, M. Pizenberg, D. Cremers and J.-D. Durou,
Stereophotometrie microscopique sans demosaicage,
GRETSI, Juan-les-Pins, USA, 2017.

[C9] S. Peng, B. Haefner, Y. Queau and D. Cremers,
Depth Super-Resolution Meets Uncalibrated Photometric Stereo,
IEEE International Conference on Computer Vision Workshops (ICCVW), 2017, Oral Presentation at ICCV Workshop on Color and Photometry in Computer Vision.

[C10] Y. Queau, J. Melou, F. Castan, D. Cremers and J.-D. Durou,
A Variational Approach to Shape-from-shading Under Natural Illumination,