Author: Fner

List of Publications

Journal Articles

[J1] B. Haefner, S. Peng, A. Verma, Y. Queau and D. Cremers,  
Photometric Depth Super-Resolution,  

Conference and Workshop Papers

[C1] B. Haefner, S. Green, A. Oursland, D. Andersen, M. Goesele, D. Cremers, R. Newcombe and T. Whelan,  
Recovering Real-world Reflectance Properties and Shading from HDR Imagery,  

[C2] Z. Ye, B. Haefner, Y. Queau, T. Möllenhoff and D. Cremers,  
Sublabel-Accurate Multilabeling Meets Product Label Spaces,  
*German Conference on Pattern Recognition (GCPR)*, 2021, Oral Presentation.

[C3] L. Sang, B. Haefner and D. Cremers,  
Inferring Super-Resolution Depth from a Moving Light-Source Enhanced RGB-D Sensor: A Variational Approach,  
*IEEE Winter Conference on Applications of Computer Vision (WACV)*, Colorado, USA, March 2020, Spotlight Presentation.

[C4] 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.

[C5] B. Haefner, Z. Ye, M. Gao, T. Wu, Y. Queau and D. Cremers,  
Variational Uncalibrated Photometric Stereo under General Lighting,  
*International Conference on Computer Vision (ICCV)*, Seoul, South Korea, October 2019.

[C6] B. Haefner, Y. Queau, T. Möllenhoff and D. Cremers,  
Fight ill-posedness with ill-posedness: Single-shot variational depth super-resolution from shading,  
*IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2018, Spotlight Presentation.

[C7] S. Peng, B. Haefner, Y. Queau and D. Cremers,  
Depth Super-Resolution Meets Uncalibrated Photometric Stereo,  
*International Conference on Computer Vision Workshops (ICCVW)*, 2017, Oral Presentation at ICCV Workshop on Color and Photometry in Computer Vision.