



Best Paper Award | Preisträger

»Impact on Science«

Hur, Junhwa; Roth, Stefan (TU Darmstadt, FG VI)

MirrorFlow: Exploiting symmetries in joint optical flow and occlusion estimation

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Best Paper Award | Contribution

► »Impact on Science«

- Handling occlusions in optical flow estimation is a long standing problem with large impact on real world applications.



- This excellent paper presents a novel algorithm that utilizes occlusion as a cue for estimating optical flow. In contrast to previous optical flow algorithms it fully exploits the symmetry properties of the optical flow and occlusions in forward and backward direction of consecutive images. Estimation results on current benchmark datasets report the most accurate two-frame results to date.