

Journal Articles

- [J1] J. Diebold, C. Nieuwenhuis and D. Cremers,
Midrange Geometric Interactions for Semantic Segmentation,
2015.
- [J2] J. Diebold, S. Tari and D. Cremers,
The Role of Diffusion in Figure Hunt Games,
52(1): 108-123, 2015.

Book Chapters

- [BC1] G. Bal, J. Diebold, E. W. Chambers, E. Gasparovic, R. Hu, K. Leonard, M. Shaker and C. Wenk,
Skeleton-Based Recognition of Shapes in Images via Longest Path Matching,
Research in Shape Modeling, Springer International Publishing, Association for Women in Mathematics Series, Vol. 1, 81-99, 2015.

Conference and Workshop Papers

- [C1] M. Moeller, J. Diebold, G. Gilboa and D. Cremers,
Learning Nonlinear Spectral Filters for Color Image Reconstruction,
2015.
- [C2] J. Diebold, N. Demmel, C. Hazirbas, M. Möller and D. Cremers,
Interactive Multi-label Segmentation of RGB-D Images,
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- [C3] C. Hazirbas, J. Diebold and D. Cremers,
Optimizing the Relevance-Redundancy Tradeoff for Efficient Semantic Segmentation,
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- [C4] M. Strobel, J. Diebold and D. Cremers,
Flow and Color inpainting for Video Completion,
German Conference on Pattern Recognition (GCPR), Münster, Germany, September 2014,
Oral Presentation.
- [C5] Bergbauer, Julia, Tari and Sibel,
Wimmelbild Analysis with Approximate Curvature Coding Distance Images,
A. Kuijper, K. Bredies, T. Pock and H. Bischof(Eds.), *Scale Space and Variational Methods in Computer Vision*, Schloss Seggau, Leibnitz, Austria, Springer, Lecture Notes in Computer Science, Vol. 7893, 489-500, 2013, **Oral Presentation**.
- [C6] Bergbauer, Julia, Tari and Sibel,
Top-down visual search in Wimmelbild,
Proceedings of SPIE, Human Vision and Electronic Imaging XVIII, California, USA, 2013.
- [C7] J. Bergbauer, C. Nieuwenhuis, M. Souiai and D. Cremers,
Proximity Priors for Variational Semantic Segmentation and Recognition,
ICCV Workshop on Graphical Models for Scene Understanding, 2013.