

PUBLICATION RECORD

MATTHIAS SCHELLER LICHTENAUER

1. Journal Publications

- Matthias Scheller Lichtenauer, Philipp Schuetz, Peter Zolliker, *Interaction improves perception of gloss*, in: Journal of Vision, accepted 10.11.2013.
- Matthias Scheller Lichtenauer, Iris Sprow, Peter Zolliker: *Choice Based Experiments in Multiple Dimensions*, in: Color Research and Application, 2013, volume 38, issue 5, pages 334-343.
- Ingmar Lissner, Jens Preiss, Philipp Urban, Matthias Scheller Lichtenauer and Peter Zolliker: *Image-Difference Prediction: From Grayscale to Color*, in: IEEE Transactions on Image Processing, 2013, volume 22, issue 2, pages 435-446.

2. Peer reviewed Conferences

- Dennis Kuepper, Zofia Barańczuk, Ursina Caluori, Iris Sprow, Matthias Scheller Lichtenauer, Klaus Simon, Peter Zolliker: *High Dynamic Range imaging: is the game worth the candle?*, in: 21th Color and Imaging Conference, pages 231-235, Albuquerque, 2013.
- Matthias Scheller Lichtenauer, Philipp Schuetz, Peter Zolliker: *Interaction improves judgements of surface reflectance properties*, in: Perception (abstracts of the European Conference on Visual Perception), Bremen, 2013, page 212.
- Matthias Scheller Lichtenauer, Jens Preiss, Philipp Urban, Peter Zolliker: *Image similarity for chromatic content*, in: 18. Workshop Farbbildverarbeitung, Darmstadt, 2012. ISBN 978-3-00-039639-7, pages 107-117.
- Matthias Scheller Lichtenauer, Peter Zolliker, Ingmar Lissner, Jens Preiss, Philipp Urban: *Learning Image Similarity Measures from Choice Data*, in: Sixth European Conference on Colour in Graphics, Imaging and Vision, CGIV 2012, Amsterdam, Netherlands, May 6-9, 2012. Final programme and Proceedings. IS&T, Springfield, VA, USA, 2012, ISBN 978-0-89208-299-5, pages 24-30.
- Jens Preiss, Ingmar Lissner, Philipp Urban, Matthias Scheller Lichtenauer, Peter Zolliker: *The Impact of Image-Difference Features on Perceived Image Differences*, in: Sixth European Conference on Colour in Graphics, Imaging and Vision, CGIV 2012, Amsterdam, Netherlands, May 6-9, 2012. Final programme and Proceedings. IS&T, Springfield, VA, USA, 2012, ISBN 978-0-89208-299-5, pages 43-48.
- Matthias Scheller Lichtenauer, Iris Sprow, Peter Zolliker: *Perception of Contrast on different Backgrounds*, in: Verena M. Schindler, Stephan Cuber (Eds.): AIC 2011, Interaction of Colour and Light in the Arts and Sciences, Midterm Meeting of the International

Color Association Zurich, June 7-10, 2011: Book of Abstracts, 2011, ISBN 978-3-033-02929-3, page 182, Proceedings (CD), pages 714-717.

- Matthias Scheller Lichtenauer, Sylvania Avelar, Grzegorz Toporek: *Segmentation of Images of Lead Free Solder*, in: Image and Signal Processing, 4th International Conference, ICISP 2010, Trois-Rivières, QC, Canada, June 30-July 2, 2010. Proceedings. Lecture Notes in Computer Science 6134, Springer, Berlin, 2010, ISBN 978-3-642-13680-1, pages 165-172.
- Matthias Scheller Lichtenauer, Hanno Hoffstadt, Andreas Kraushaar, Berthold Oberhollenzer, Peter Zolliker: *Estimation of Backing Influence on Halftone Reflectance*, in: Fifth European Conference on Colour in Graphics, Imaging and Vision, CGIV 2010, Joensuu, Finland, June 14-17, 2010. Final programme and Proceedings. IS&T, Springfield, VA, USA, 2010, ISBN 978-0-89208-291-9, pages 181-188.
- Matthias Scheller Lichtenauer, Safer Mourad, Peter Zolliker, Klaus Simon: *Classification of Paper Images to Predict Substrate Parameters Prior to Print*, in: Alain Trémeau, Raimondo Schettini, Shoji Tominaga (Eds.): Computational Color Imaging, Second International Workshop, CCIW 2009, Saint-Etienne, France, March 26-27, 2009. Revised Selected Papers. Lecture Notes in Computer Science 5646, Springer, Berlin, 2009, ISBN 978-3-642-03264-6, pages 150-159.