

Table of Contents

Video Processing and Computational Video

Towards Plenoptic <i>Raumzeit</i> Reconstruction	1
<i>Martin Eisemann, Felix Klose, and Marcus Magnor</i>	
Two Algorithms for Motion Estimation from Alternate Exposure Images	25
<i>Anita Sellent, Martin Eisemann, and Marcus Magnor</i>	
Understanding What We Cannot See: Automatic Analysis of 4D Digital In-Line Holographic Microscopy Data	52
<i>Laura Leal-Taixé, Matthias Heydt, Axel Rosenhahn, and Bodo Rosenhahn</i>	
3D Reconstruction and Video-Based Rendering of Casually Captured Videos	77
<i>Aparna Taneja, Luca Ballan, Jens Puwein, Gabriel J. Brostow, and Marc Pollefeys</i>	
Silhouette-Based Variational Methods for Single View Reconstruction	104
<i>Eno Töppe, Martin R. Oswald, Daniel Cremers, and Carsten Rother</i>	
Single Image Blind Deconvolution with Higher-Order Texture Statistics	124
<i>Manuel Martinello and Paolo Favaro</i>	
Compressive Rendering of Multidimensional Scenes	152
<i>Pradeep Sen, Soheil Darabi, and Lei Xiao</i>	
Efficient Rendering of Light Field Images	184
<i>Daniel Jung and Reinhard Koch</i>	
Author Index	213