

Light Field for Computer Vision

LF4CV@CVPR2017

Bastian Goldluecke, Ole Johannsen, Katrin Honauer, Jingyi Yu

July 26, 2017

CVIA computer vision and image analysis

Universität Konstanz

SFB-TRR 161

Universität Heidelberg Zukunft seit 1386

Heidelberg Collaboratory for Image Processing



Schedule

Session 1: Invited Talks and Poster Session

9:00 **Keynote:** Ravi Ramamoorthi - From Shape Recovery to Sparse Reconstruction
9:45 **Keynote:** Thomas Nonn - Light field for Cinema
10:30 Poster Session (coffee till 10:45)
12:00 Lunch Break

Session 2: Invited Talk and Paper Presentations

13:30 **Keynote:** Harlyn Baker - EPI Imaging on Contours for Range with Structure
14:15 Katherine Skinner - Underwater Image Dehazing with a Light Field Camera
14:35 Donald Dansereau - Richardson-Lucy Deblurring for Moving Light Field Cameras
14:55 Gregoire Nieto - Linearizing the Plenoptic Space
15:15 Coffee Break

Session 3:Benchmark, Challenge, and Panel Discussion

15:45 **Keynote:** Tsung-Yi Lin - Common Visual Data Foundation
16:10 New benchmark: challenge evaluation and state-of-the-art
16:30 Talks by Outstanding Challenge Participants I - IV
17:15 **Panel Discussion**