2016 IEEE International Conference on Computational Photography (ICCP 2016)

Evanston, Illinois, USA
13 – 15 May 2016

IEEE Catalog Number: CFP16CCP-POD
ISBN (Print-On-Demand):   978-1-4673-8624-1
ISBN (Online):   978-1-4673-8623-4

Additional Copies of This Publication Are Available From:

Curran Associates, Inc
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: (845) 758-0400
Fax: (845) 758-2633
E-mail: curran@proceedings.com
Web: www.proceedings.com

CURRAN ASSOCIATES INC.
proceedings
.com

Table of Contents

Program

Morning Session - Norris University Center - Friday, 13 May 2016

8:30 - 9:30   **Breakfast/Registration**

9:30 - 9:40   **Welcome**

9:40 - 10:40   **Session 1 - 3 talks (15 minute talk + 5 minute Q&A)**

3D Reconstruction of Mirror-type Objects using Efficient Ray Coding 1
Siu-Kei Tin, Jinwei Ye, Mahdi Nezamabadi, Can Chen

Invited Talk: The 3D Motion Picture Camera - About Single-Shot, High Resolution 3D-Imaging
Florian Wullitzer (University of Erlangen-Nuremburg)

Correcting Perceived Perspective Distortions Using Object Specific Planar Transformations 12
Mahdi Abbaspour Tehrani, Aditi Majumder, M. Gopi

10:40 - 11:00   **Coffee Break**

11:00 - 12:00   **Keynote 1**

Computational Imaging of Cultural Heritage
Marc Walton (NU-ACCESS)

12:00 - 1:30   **Lunch**

Afternoon Session - Norris University Center - Friday, 13 May 2016

Morning Session - Harris Building - Saturday, 14 May 2016

Morning Session (cont.) - Harris Building - Saturday, 14 May 2016

10:30 - 10:45 **Coffee Break**

10:45 - 11:45 **Keynote 3**

Computational Microscopy, Sensing and Diagnostics
Aydogan Ozcan (University of California, Los Angeles)

11:45 - 12:45 **Session 5 - 3 talks (15 minute talk + 5 minute Q&A)**

Invited Talk: Nanoscale Imaging With X-Rays and Computation
Chris Jacobsen (Argonne National Labs, Northwestern University)

12:45 - 2:00 **Lunch - Parkes Building**

Afternoon Session - Harris Building - Saturday, 14 May 2016

2:00 - 3:00 **Keynote 4**

Computational Imaging: How Much Imaging - How Much Computation?
Gerd Häusler (University of Erlangen-Nuremberg)

3:00 - 4:00 **Session 6 - 3 talks (15 minute talk + 5 minute Q&A)**

Invited Talk: Highly Sensitive 2D and 3D Imaging in the Infrared
Hooman Mohseni (Northwestern University)

4:00 - 7:00 **Poster Session (68 posters and demos) - Hardin Hall**

9:00 - 11:00 **Dearborn Observatory Tour - Dearborn Observatory**

Morning Session - Harris Building - Sunday, 15 May 2016

Afternoon Session - Harris Building - Sunday, 15 May 2016