

MOHIT GUPTA

Computer Sciences Department, University of Wisconsin-Madison

Lab website: <http://wisionlab.cs.wisc.edu/>

Research Interests

Computer Vision, Computational Imaging

Education

Ph.D. in Robotics, Carnegie Mellon University	2005 - 2011
M.S. in Computer Science, Stony Brook University	2003 – 2005
B.Tech. in Computer Science, Indian Institute of Technology, Delhi	1999 – 2003

Work Experience

Associate Professor, University of Wisconsin-Madison	2022 -
Assistant Professor, University of Wisconsin-Madison	2016 - 2022
Post-doctoral Research Scientist, Columbia University	2011 - 2015
Research Intern, Mitsubishi Electric Research Labs	Summer 2009, 2010

Awards and Honors

Sony Faculty Innovation Award	2020, 21
Marr Prize Honorable Mention, IEEE Int. Conf. on Computer Vision (ICCV)	2019
NSF CAREER Award	2019
Finalist, Most Influential Research Category, AutoSens Conference Awards	2019
Paper Selected for IJCV Special Issue on Best Papers of ECCV	2018
Keynote Talk, Workshop on Computational Cameras and Displays, IEEE CVPR	2022

Keynote Talk, Workshop on Mobile Intelligent Photography and Imaging, ECCV	2022
Keynote Talk, Workshop on Computational Cameras and Displays, IEEE CVPR	2014
Best Paper Honorable Mention, IEEE Int. Conf. on Computational Photography	2014

Professional Activities

Organization

Program Chair: IEEE International Conf. on Computational Photography (ICCP) 2023, Madison

Workshops Chair: IEEE CVPR 2022

Program Chair: IEEE International Conference on Computational Photography (ICCP) 2019, Tokyo

Program Chair: Workshop on Computational Cameras and Displays (with IEEE CVPR 2017, 2018)

Finance Chair: IEEE ICCP 2018, Demos and Posters Chair, IEEE ICCP 2016

Program Committees and Editorial Boards

Best Paper Award Committee: IEEE CVPR 2022

Area Chair (Program Committee): WACV 2023, ECCV 2022, ICCV 2021, CVPR 2021, SIGGRAPH Asia 2018, Pacific Graphics 2018

Guest Editor: IJCV Special Issue on Computational Photography (2017-2018)

Professional Service Awards

Outstanding reviewer award, ECCV 2020

Tutorials

Co-organized (invited) tutorial on computational imaging at ICIP 2015, ICIP 2016

Co-organized tutorial on time-of-flight (ToF) imaging at ICCV 2015

Co-organized tutorial on compressive sensing of videos at CVPR 2012

Co-organized the symposium on volumetric scattering at CVPR 2007

Reviewing

Reviewer for Nature, CACM, SIGGRAPH, SIGGRAPH Asia, PAMI, IJCV, TIP, ICCV, CVPR, ECCV, ICCP

Publications

Conference and Journal Publications: ¹ ²

2022

Streaming Perception, One Spike at a Time
Matt Dutson^S, Yin Li^C, and **Mohit Gupta**
WACV 2023

Event Neural Networks
Matt Dutson^S, Yin Li^C, and **Mohit Gupta**
ECCV 2022

3D Scene Inference from Transient Histograms
Sacha Jungerman^S, Atul Ingle^C, Yin Li^C, and **Mohit Gupta**
ECCV 2022

Robust Scene Inference under Noise-Blur Dual Corruptions
Bhavya Goyal^S, JF Lalonde^C, Yin Li^C, and **Mohit Gupta**
ICCP 2022

Geometric Calibration of Single-Pixel Distance Sensors
Carter Sifferman^S, Dev Mehrotra^S, **Mohit Gupta**, and Michael Gleicher^C
IEEE Robotics and Automation Letters (RAL); Proc. IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS) 2022

Single-Photon Structured Light
Varun Sundar^S, Sizhuo Ma^S, Aswin Sankaranarayanan^C, and **Mohit Gupta**
CVPR 2022

Compressive Single-Photon 3D Cameras
Felipe Gutierrez-Barragan^S, Atul Ingle^C, Trevor Seets^C, **Mohit Gupta**, and Andreas Velten^C
CVPR 2022

Single-Photon Camera Guided Extreme Dynamic Range Imaging
Yuhao Liu^C, Felipe Gutierrez-Barragan^S, Atul Ingle^C, **Mohit Gupta**, and Andreas Velten^C
WACV 2022

¹Collaborators are denoted by^C, thesis and post-doc advisors by^A, students and post-docs under my supervision by^S, and students/post-docs under the supervision of others by^O.

²ICCV, ECCV and CVPR are the top three conferences in computer vision, with acceptance rates typically around 25%. A few selected papers (typically 2 – 4%) are awarded an oral presentation. ACM Transactions on Graphics (TOG) and ACM SIGGRAPH are the top journal/conference in computer graphics, with an acceptance rate around 20%. IEEE PAMI, IJCV, and IEEE TIP are the top journals in computer vision and image processing. 3DV and ICCP are smaller conference for 3D vision and computational imaging and photography. Acceptance rates are typically around 30 – 40%.

iToF2dToF: A Robust and Flexible Representation for Data-driven Time-of-Flight Imaging
Felipe Gutierrez-Barragan^S, Huaijin Chen^C, **Mohit Gupta**, Andreas Velten^C, Jinwei Gu^C
IEEE Transactions on Computational Imaging 2022

2021

Photon-Starved Scene Inference using Single Photon Cameras
Bhavya Goyal^S, and **Mohit Gupta**
ICCV 2021

Blocks-World Cameras
Jongho Lee^S, and **Mohit Gupta**
CVPR 2021, * oral presentation

Passive Inter-Photon Imaging
Atul Ingle^S, T Seets^C, M Buttafava^C, Shantanu Gupta^S, A Tosi^C, Andreas Velten^C, and **Mohit Gupta**
CVPR 2021, * oral presentation

Invisible Perturbations: Physical Adversarial Examples Exploiting the Rolling Shutter Effect
Athena Sayles^C, Ashish Hooda^C, **Mohit Gupta**, Rahul Chatterjee^C, and Earlence Fernandes^C
CVPR 2021

2020

Quanta Burst Photography
Sizhuo Ma^S, Shantanu Gupta^S, Arin Ulku^C, Claudio Bruschini^C, Edoardo Charbon^C, and **Mohit Gupta**
ACM Transactions on Graphics (SIGGRAPH 2020)

Smart Time-Multiplexing of Quads Solves the Multicamera Interference Problem
Tomislav Pribanic^C, Tomislav Petkovi^C, David Bojani^C, Kristijan Bartol^C, and **Mohit Gupta**
International Conference on 3D Vision (3DV) 2020

Inertial Safety from Structured Light
Sizhuo Ma^S, and **Mohit Gupta**
ECCV 2020

2019

Asynchronous Single-Photon 3D Imaging
Anant Gupta^S, Atul Ingle^S, and **Mohit Gupta**
ICCV 2019, * oral presentation, * Marr Prize Honorable Mention

Stochastic Exposure Coding for Handling Multi-ToF-Camera Interference
Jongho Lee^S, and **Mohit Gupta**
ICCV 2019, * oral presentation

Micro-Baseline Structured Light
Viswa Venkata^{SC}, Jian Wang^C, **Mohit Gupta**, and Shree Nayar^C
ICCV 2019

Practical Coding Function Design for Time-of-Flight Imaging
Felipe Gutierrez-Barragan^S, Syed Reza^C, Andreas Velten^C, and **Mohit Gupta**
CVPR 2019

Photon-Flooded Single Photon 3D Cameras
Anant Gupta^S, Atul Ingle^S, Andreas Velten^C, and **Mohit Gupta**
CVPR 2019, * oral presentation

Passive High Flux Imaging with Single Photon Cameras
Atul Ingle^S, Andreas Velten^C and **Mohit Gupta**
CVPR 2019, * oral presentation

Differential Scene Flow from Light-Field Gradients
Sizhuo Ma^S, Brandon Smith^S, and **Mohit Gupta**
International Journal of Computer Vision (IJCV 2019)
Special Issue on Best Papers of ECCV 2018

Coding Scheme Optimization for Fast Fluorescence Lifetime Imaging
Jongho Lee^S, JV Chacko^O, B Dai^O, SA Reza^O, AK Sagar^O, K Eliceiri^C, A Velten^C, and **Mohit Gupta**
ACM Transactions on Graphics (ACM TOG 2019), presented at SIGGRAPH 2019

2018

A Geometric Perspective on Structured Light Coding
Mohit Gupta, and Nikhil Nakhate^S
ECCV 2018

3D Scene Flow from 4D Light Field Gradients
Sizhuo Ma^S, Brandon Smith^S, and **Mohit Gupta**
ECCV 2018, * oral presentation; * Selected for IJCV Special issue on 'Best of ECCV'

Tracking Multiple Objects Outside the Line of Sight using Speckle Imaging
Brandon Smith^S, Matt O'Toole^C, and **Mohit Gupta**
CVPR 2018, * spotlight oral presentation

Trapping Light for Time-of-Flight
Ruilin Xu^O, **Mohit Gupta**, and Shree Nayar^C
CVPR 2018, * oral presentation

What are Optimal Coding Functions for Time-of-Flight Imaging?
Mohit Gupta, Andreas Velten^C, Shree Nayar^C, and Eric Breitbach^C
ACM Transactions on Graphics (ACM TOG 2018), presented at SIGGRAPH 2018

SH-ToF: Micro Resolution Time-of-Flight Imaging with Superheterodyne Interferometry
Fengqiang Li^O, F Willomitzer^O, P Rangarajan^C, **Mohit Gupta**, Andreas Velten^C, Oliver Cossairt^C
ICCP 2018

2016-17

CoLux: Multi-Object 3D Micro-Motion Analysis Using Speckle Imaging
Brandon Smith^S, Pratham Desai^S, Vishal Agrawal^S, and **Mohit Gupta**
ACM Transactions on Graphics (SIGGRAPH 2017)

High-depth-resolution Range Imaging with Multiple-wavelength Superheterodyne Interferometry using 1550-nm Lasers
Fengqiang Li^O, Joshua Yablon^O, Andreas Velten^C, **Mohit Gupta**, and Oliver Cossairt^C
Applied Optics 2017

Dual Structured Light 3D using a 1D Sensor
Jian Wang^O, Aswin Sankaranarayanan^C, **Mohit Gupta**, and Srinivasa Narasimhan^C
ECCV 2016, * oral presentation

DisCo: Display-Camera Communication Using Rolling Shutter Sensors
Kensei Jo^O, **Mohit Gupta**, and Shree Nayar^A
ACM Transactions on Graphics (ACM TOG 2016), presented at SIGGRAPH 2016

2015 and Earlier

SpeDo: 6 DOF Ego-Motion Sensor Using Speckle Defocus Imaging
Kensei Jo^O, **Mohit Gupta**, and Shree Nayar^A
ICCV 2015

Phasor Imaging: A Generalization of Correlation Based Time-of-Flight Imaging
Mohit Gupta, Shree Nayar^A, Matthias Hullin^C, and Jaime Martin^C
ACM Transactions on Graphics (ACM TOG 2015), presented at SIGGRAPH 2015

LiSens: A Scalable Architecture for Video Compressive Sensing
Jian Wang^O, **Mohit Gupta**, and Aswin Sankaranarayanan^C
ICCP 2015

MC3D: Motion Contrast 3D Scanning
Nathan Matsuda^O, Oliver Cossairt^C, and **Mohit Gupta**
ICCP 2015

Digital Refocusing with Incoherent Holography
Oliver Cossairt, Nathan Matsuda and Mohit Gupta
ICCP 2014
*** Best paper honorable mention**

Recovering Scene Geometry Under Wavy Fluid Via Distortion And Defocus Analysis
Mingjie Zhang, Xing Lin, Mohit Gupta, Jinli Suo and Qionghai Dai
ECCV 2014

Fibonacci Exposure Bracketing for High Dynamic Range Imaging
Mohit Gupta, Daisuke Iso and Shree Nayar
ICCV 2013

Structured Light in Sunlight
Mohit Gupta, Qi Yin and Shree Nayar
ICCV 2013

Efficient Space-Time Sampling with Pixel-wise Coded Exposure for High Speed Imaging
Dengyu Liu, Jinwei Gu, Yasunobu Hitomi, Mohit Gupta, Tomoo Mitsunaga and Shree Nayar
IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI 2013)

Micro Phase Shifting
Mohit Gupta and Shree Nayar
CVPR 2012, * oral presentation

Diffuse Structured Light
Shree Nayar and Mohit Gupta
ICCP 2012

3D Scanning in the Presence of Interreflections, Subsurface Scattering and Defocus
Mohit Gupta, Amit Agrawal, Ashok Veeraraghavan and Srinivasa Narasimhan
International Journal of Computer Vision (IJCV 2012)

When Does Computational Imaging Improve Performance?
Oliver Cossairt, Mohit Gupta and Shree Nayar
IEEE Transactions on Image Processing (TIP 2012)

Video from a Single Exposure Coded Photograph using a Learned Over-Complete Dictionary
Yasunobu Hitomi, Jinwei Gu, Mohit Gupta and Shree Nayar
ICCV 2011

Multiplexed Illumination for Scene Recovery in the Presence of Global Illumination
Jinwei Gu, Toshihiro Kobayashi, Mohit Gupta and Shree Nayar
ICCV 2011, * oral presentation

Structured Light 3D Scanning Under Global Illumination
Mohit Gupta, Amit Agrawal, Ashok Veeraraghavan and Srinivasa Narasimhan
CVPR 2011

A Combined Theory of Defocused Illumination and Global Light Transport
Mohit Gupta, Yuandong Tian, Srinivasa Narasimhan and Li Zhang
International Journal of Computer Vision (IJCV 2011)

Flexible Voxels for Motion-Aware Videography
Mohit Gupta, Amit Agrawal, Ashok Veeraraghavan and Srinivasa Narasimhan
ECCV 2010

Optimal Coded Sampling for Temporal Super-Resolution
Amit Agrawal, Mohit Gupta, Ashok Veeraraghavan and Srinivasa Narasimhan
CVPR 2010

(De) Focusing on Global Light Transport for Active Scene Recovery
Mohit Gupta, Yuandong Tian, Srinivasa Narasimhan and Li Zhang
CVPR 2009, * oral presentation

On Controlling Light Transport in Poor Visibility Environments
Mohit Gupta, Srinivasa Narasimhan and Yoav Schechner
CVPR 2008

High Resolution Tracking of Non-Rigid 3D Motion Using Harmonic Maps
Yang Wang, Mohit Gupta, Song Zhang, Sen Wang, Xianfeng Gu, Dimitris Samaras and Peisen Huang
International Journal of Computer Vision (IJCV 2008)

Legendre Fluids: Reduced Space Modeling and Rendering of Participating Media
Mohit Gupta and Srinivasa Narasimhan
Eurographics/ ACM SIGGRAPH Symposium on Computer Animation (SCA 2007)

Acquiring Scattering Properties of Participating Media by Dilution
Srinivasa Narasimhan, Mohit Gupta, Craig Donner, Ravi Ramamoorthi, Shree Nayar, Henrik Wann Jensen
ACM Transactions on Graphics (SIGGRAPH 2006)

High Resolution Tracking of Non-Rigid 3D Motion Using Harmonic Maps
Yang Wang, Mohit Gupta, Song Zhang, Sen Wang, Xianfeng Gu, Dimitris Samaras and Peisen Huang
ICCV 2005, * oral presentation

Multilevel Modeling and Rendering of Architectural Scenes
A. Kushal, G. Chanda, K. Srivastava, M. Gupta, S. Sanyal, T.V.N. Sri Ram, P. Kalra and S. Banerjee
Eurographics 2003

Invited Book Chapters:

Shape From Scatter
Mohit Gupta
Computer Vision: A Reference Guide, 2014, Publisher: Springer

Performance Limits for Motion Deblurring Cameras
Oliver Cossairt and Mohit Gupta
Motion Deblurring: Algorithms and Systems, 2014, Publisher: Cambridge University Press

Patents

Systems, Methods, And Media For Generating And Using Spiking Neural Networks With Improved Efficiency

Inventors: Matthew Dutson and Mohit Gupta

US Patent Application P210141US01, Filing Date: April 2021

Systems, Methods, And Media For Directly Recovering Planar Surfaces In A Scene Using Structured Light

Inventors: Jongho Lee and Mohit Gupta

US Patent Application P200264US01, Filing Date: July 2020

Systems, Methods, And Media For High Dynamic Range Quanta Burst Imaging

Inventors: Sizhuo Ma and Mohit Gupta

US Patent Application P200158US01, Filing Date: April 2020

Systems, Methods, And Media For Stochastic Exposure Coding That Mitigates Multi-Camera Interference In Continuous Wave Time-Of-Flight Imaging

Inventors: Jongho Lee and Mohit Gupta

US Patent Application 16/556119, Filing Date: August 2019

Systems, methods, and media for asynchronous single photon Depth imaging with improved precision in ambient light

Inventors: Anant Gupta, Atul Ingle and Mohit Gupta

US Patent Application P190244US01, Filing Date: June 2019

Systems, Methods, And Media For Single Photon Depth Imaging With Improved Precision In Ambient Light

Inventors: Anant Gupta, Atul Ingle, Andreas Velten and Mohit Gupta

US patent application P190137US01, Filing Date: March 2019

Low Power Light Wave Communication for Mobile and Wearable Devices

Inventors: Shree K. Nayar, Mikhail Fridberg, Mohit Gupta

Patent granted, August 2021: US 11,082,129 B1

Augmented Reality System using Structured Light

Inventors: Mohit Gupta, Shree K. Nayar, Viswanath Saragadam

Patent granted, February 2021: US 10,909,373 B1

Systems, methods, and media for encoding structured light imaging patterns and estimating depths in a scene

Inventor: Mohit Gupta

Patent granted, October 2020: US 10818023

Systems, Methods And, Media For Determining Object Motion In Three Dimensions From Light Field Image Data

Inventors: Mohit Gupta, Sizhuo Ma, Brandon Smith

Patent granted, October 2019: US 10706564

Systems, methods, and media for high dynamic range imaging using dead-time-limited single photon detectors

Inventors: Mohit Gupta, Atul Ingle, Andreas Velten

Patent granted, April 2020: US 10616512

Systems, methods, and media for encoding and decoding signals used in time-of-flight imaging

Inventors: Felipe Gutierrez, Mohit Gupta, Eric Breitbart, Andreas Velten, Shree Nayar

Patent granted, November 2020: US 10,739,447 B2

*** Licensed**

Systems, methods, and media for encoding and decoding signals used in time-of-flight imaging

Inventors: Mohit Gupta, Eric Breitbart, Andreas Velten, Shree Nayar

Patent granted, May 2020: US 10,645,367 B2

*** Licensed**

Systems, methods, and media for determining object motion in 3D using speckle images

Inventors: Mohit Gupta, Brandon Smith, Pratham Desai, Vishal Agarwal

Patent granted, December 2018: US 10,152,798 B2

** Nominated as one of six finalists out of 400 applications in WARF Innovation Awards 2017*

Systems, methods, and media for performing shape measurement

Inventors: Mohit Gupta, Shree Nayar

Patent granted, May 2017: US 2015/0176982 A1

*** Licensed and Productized**

Methods, systems, and media for high dynamic range imaging

Inventors: Mohit Gupta, Tomoo Mitsunaga, Daisuke Iso, Shree Nayar

Patent granted, December 2018: US 9,648,248 B2

Structured Light for 3D Shape Reconstruction Subject to Global Illumination

Inventors: Mohit Gupta, Ashok Veeraraghavan, Amit Agrawal

Patent granted, August 2014: US 8,811,767 B2

Video Camera for Acquiring Images with Varying Spatio-Temporal Resolutions

Inventors: Mohit Gupta, Ashok Veeraraghavan, Amit Agrawal, Srinivasa Narasimhan

Publication number US 2011/0243442 A1

Research Grants

As PI:

Quanta Computational Imaging with Single-Photon Cameras
NSF CAREER Award, 2020-2025

Co-PIs: None

Total Funding: \$550K

How many Photons are needed to Recognize an Object?
SONY Faculty Innovation Award, 2020-2022

Co-PIs: None

Total Funding: \$200K

Next Generation Time-of-Flight Imaging
ONR, 2016-2019

Co-PIs: Shree Nayar (Columbia University)

Total Funding: \$650K; Gupta's Share: \$450K

Time-of-Flight Cameras
Sony Corp. (Research Gift), 2017-2018

Co-PIs: None

Total Funding: \$70K

Hierarchical Visual Codes
Snap Research (Research Gift), 2020

Co-PIs: None

Total Funding: \$20K

Practical Single-Photon 3D Imaging
WARF (UW-Madison IP Office), 2020-2022

Co-PIs: None

Total Funding: \$165K

Practical Time-of-Flight Imaging
Draper Technology Innovation Fund (UW Internal) Award, 2020-2021

Co-PIs: None

Total Funding: \$50K

Weak 3D Cameras
UW Internal Fall Competition, 2021-2022

Co-PIs: None

Total Funding: \$40K

Single-Photon 3D Imaging
UW Internal Fall Competition, 2019-2020

Co-PIs: None

Total Funding: \$40K

From One Photon to a Billion: Extreme Dynamic Range Imaging with Single Photon Sensors
Draper Technology Innovation Fund (UW Internal) Award, 2018-2019

Co-PIs: Andreas Velten (U. Wisconsin)

Total Funding: \$50K; Gupta's Share: \$25K

Extreme Motion Cameras
UW Internal Fall Competition, 2018-2019

Co-PIs: None

Total Funding: \$40K

As Co-PI:

Scene Recovery Using an Extended Plenoptic Function

DARPA, 2016-2020

PIs: Srinivasa Narasimhan (CMU) and Andreas Velten (U. Wisconsin)

Total funding: ~ \$5.5 million; Gupta's share: ~\$850K

Characterization, Mitigation, and Management of Active 3D Camera Interference

NSF, 2021-2025

PI: Suman Banerjee (U. Wisconsin)

Total funding: \$1 million; Gupta's share: ~\$350K

Supporting Distributed Machine Learning Applications for the Nomadic Edge

NSF and Intel Research, 2020-2023

PI: Suman Banerjee (U. Wisconsin)

Total funding: \$900K; Gupta's share: ~\$150K

Teaching

A summary of end-of-semester teaching evaluations, based on the following questions:

- **Q1: Did the instructor create a positive, engaging learning environment?**

Range of Available Responses (1–7); 1 - Not at all; 4 - Neutral; 7 - Completely

- **Q2: Would you recommend this instructor to your fellow students?**

Range of Available Responses (1–7); 1 - Not at all; 4 - Neutral; 7 - Completely

Table 1: Summary of teaching evaluations at U. Wisconsin-Madison. The numerical values in the Q1 and Q2 columns indicate the mean values aggregated over the student responses to the corresponding survey question.

Semester	Course	Number of Students	Q1	Q2
Spring 2021	Graduate Computer Vision	70	6.22	6.12
Fall 2020	Ugrad. Computer Vision	50	6.48	6.26
Spring 2020	Graduate Computer Vision	64	5.91	5.64
Spring 2019	Graduate Computer Vision	65	6.33	5.75
Fall 2018	Computational Photography	142	5.65	4.48
Spring 2018	Graduate Computer Vision	82	6.16	6.04
Spring 2017	Graduate Computer Vision	58	6.20	5.85
Spring 2016	Graduate Computer Vision	53	6.45	6.42

Talks

Shedding Light on 3D Cameras

Cruise Seminar (March 2022)

University of California Berkeley (September 2021)

Georgia Tech. (September 2021)

Cornell University (October 2021)

Google Research (October 2021)

Computational Imaging, One Photon at a Time

SONY Distinguished Engineer Professor Lecture Series (February 2022)

University of Florida (April 2021)

Stanford University SCIEN Seminar Series (October 2020)

Towards Next Generation 3D Cameras

Omron R&D Center, Kyoto, Japan (May 2017)
SONY R&D Center, Atsugi, Tokyo, Japan (May 2017)
Oculus Research, Seattle (March 2016)
University of Washington, Seattle (June 2015)
Amazon, Seattle (June 2015)
Microsoft Research Labs, Seattle (June 2015)
Robotics Institute, Carnegie Mellon University (April 2015)
University of Wisconsin-Madison (December 2014)

Time-of-Flight Revolution

Dagstuhl Seminar on Computational Imaging (May 2015)
Workshop on Computational Photography and Intelligent Cameras, UCLA (February 2015)
MIT Media Labs (November 2014)
Keynote talk, CCD Workshop at IEEE CVPR (June 2014)

Measuring 3D Shape When Light Misbehaves

University of Toronto (June 2011)
Harvard University (June 2011)

Probing Scenes with Programmable Illumination

Intel Research Labs, Seattle (April 2010)
University of California, Berkeley (June 2010)
Columbia University (June 2010)

Scene Recovery in the presence of Global Light Transport

Stony Brook University (July 2009)
Columbia University (July 2009)