Progr	am	II:00 – I2:00
		12:00 - I:30
8:15 – 9:00	Friday, May 04 - Morning Session Registration	
):00 – 9:I5	Welcome	1:30 - 3:10
):15 – 10:30	Session I — 3 talks (20 minute talk + 5 minute Q&A)	
	Towards Photography Through Realistic Fog Guy Satat, Matthew Tancik, Ramesh Raskar	
	Focal Sweep Imaging with Multi-focal Diffractive Optics Yifan (Evan) Peng, Xiong Dun, Qilin Sun, Felix Heide, Wolfgang Heidrich	
	Invited talk: Corner Cameras Katie Bouman	
0:30 – 11:00	Coffee Break	3:10 - 6:30
I:00 – I2:00	Keynote 1 - Prof. Kyros Kutulakos, University of Toronto Rethinking Structured Light	6:45 -
2:00 – I:30	Lunch	8:30 - 9:00
	Afternoon Session	9:00 - 10:40
:30 – 2:45	Session 2 — 3 talks (20 minute talk + 5 minute Q&A)	
	Deep Learning for the Design of Nano-photonic Structures Itzik Malkiel, Michael Mrejen, Achiya Nagler, Uri Arieli, Lior Wolf, Haim Suchowski	
	Acquiring and Characterizing Plane-to-Ray Indirect Light Transport Hiroyuki Kubo, Suren Jayasuriya, Takafumi Iwaguchi, Takuya Funatomi, Yasuhiro Mukaigawa, Srinivasa Narasimhan	
	Dynamic Heterodyne Interferometry Tomohiro Maeda, Achuta Kadambi, Schechner Yoav, Ramesh Raskar	
2:45-3:15	Coffee Break	10:40 - 11:00
3:15-4:30	Session 3 3 talks (20 minutes talk + 5 minutes Q&A)	11:00 - 12:00
	Fast and Accurate Reconstruction of Compressed Color Light Field Ofir Nabati, Raja Giryes, David Mendlovic	I2:00 - I:30
	BLADE: Filter Learning for General Purpose Computational Photography Pascal Getreuer, Ignacio Garcia-Dorado, John Isidoro, Sungjoon Choi, Frank Ong, Peyman Milanfar	
	Invited talk: Deep HDR Image and Video Reconstruction Nima Khademi Kalantari	1:30 – 3:10
5:30-9:30	Reception at Phipps Conservatory	
	Saturday, May 05 - Morning Session	
3:30 – 9:00	Registration	
):00- I0:40	Session 4 —4 talks (20 minute talk + 5 minute Q&A)	
	Invited talk: Looking to Listen at the Cocktail Party Bill Freeman	
	Invited talk: Light Sensitive Displays Anat Levin	3:10 - 3:30
	Invited talk: Deep Tissue Imaging with Near-Infrared Light for Disease Detection and Monitoring Jana Kainerstorfer	All lectur Center in
	Invited Talk: Mobile Bio-behavioral Sensing Ashutosh Sabharwal	Lunch wi
0:40 - II:00	Coffee Break	Reception

00 - I:30	Lunch	
	Afternoon Session	
o - 3:10	Session 5 — 4 talks (20 minute talk + 5 minute Q&A)	
	Learning to See through Reflections Meiguang Jin, Sabine Süsstrunk, Paolo Favaro	
	Learned Perceptual Image Enhancement Hossein Talebi, Milanfar Peyman	
	ReBlur2Deblur: Deblurring Videos via Self-Supervised Learning Huaijin Chen, Jinwei Gu, Orazio Gallo, Ming-Yu Liu, Ashok Veeraraghavan, Kautz Jan	
	Automatic Estimation of Modulation Transfer Functions Matthias Bauer, Valentin Volchkov, Michael Hirsch, Bernhard Schölkopf	
0 - 6:30	Poster and Demo Session	
5 -	Happy Hour at The Porch Restaurant	
	Sunday, May o6 - Morning Session	
0 – 9:00	Registration	
0 - 10:40	Session 6 — 4 talks (20 minute talk + 5 minute Q&A)	
	ADP: Automated Differentiation Ptychography Sushobhan Ghosh, Youssef Nashed, Oliver Cossairt, Aggelos Katsaggelos	
	SH-ToF: Micro Resolution Time-of-Flight Imaging with Superheterodyne Interferometry Fengqiang Li, Florian Willomitzer, Prasanna V. Rangarajan, Mohit Gupta, Andreas Velten, Oliver Cossairt	
	Invited Talk: Synthetic Apertures for Long Range Sub-diffraction Imaging Jason Holloway	
	Invited Talk: Coherence Engineering and Light-Field Imaging Jason Fleischer	
40 – 11:00	Coffee Break	
00 – 12:00	Keynote 3 - Prof. Sonke Jonsen, Duke University Seeing the Underwater World through the Eyes of Animals	
00 – I:30	Lunch	
	Afternoon Session	
0 – 3:10	Session 7 — 4 talks (20 minute talk + 5 minute Q&A)	
	Reconfigurable Rainbow PIV for 3D Flow Measurement Jinhui Xiong, Qiang Fu, Ramzi Idoughi, Wolfgang Heidrich	
	Rolling Shutter Imaging on The Electric Grid Mark Sheinin, Schechner Yoav, Kyros Kutulakos	
	Towards Transient Imaging at Interactive Rates with Single-photon Detectors David Lindell, Matthew O'Toole, Gordon Wetzstein	
	Near-Light Photometric Stereo using Circularly Placed Point Light Sources Chao Liu, Srinivasa Narasimhan, Artur Dubrawski	
0 - 3:30	Concluding Remarks and Awards Ceremony	
ll lectures will be held in the McConomy Auditorium in the first floor of the Cohon University enter in CMU campus.		
unch will be in the Weigand Gym (also located in the first floor of the University Center).		
eception on Friday evening will be in the Outdoor Garden at the Phipps Conservatory.		

Keynote 2 - Prof. Quyen Nguyen, UC San Diego

Molecular Navigation for Cancer Diagnosis and Surgery - Imaging Tumors and Nerves