



THE UNIVERSITY OF ARIZONA
Wyant College
of Optical Sciences

INDUSTRIAL AFFILIATES WORKSHOP

MONDAY, OCTOBER 23, 2023

PROGRAM TIME	EVENT	LOCATION
9:00 AM - 1:00 PM	ASML EUV Roadshow Simulator Truck	In front of Old Main
10:00 AM - 1:00 PM	IA Corporate Showcase Set Up	Student Union- Grand Ballroom
1:00 PM - 3:00 PM	Student Poster Sessions with Networking & Snacks	
3:00 PM - 6:00 PM	IA Member Corporate Showcase	
6:00 PM - 7:30 PM	Dinner	
7:30 PM - 8:00 PM	Showcase Breakdown & Pack Up	



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INDUSTRIAL AFFILIATES WORKSHOP

TUESDAY, OCTOBER 24, 2023

PROGRAM TIME	EVENT	LOCATION
7:45 AM	Welcome Breakfast	Meinel 3rd Floor Patio
8:45 AM	Group Photo	Meinel 3rd Floor Patio
9:00 AM - 9:15 AM	Workshop Welcome Thomas Koch, Dean of the Wyant College of Optical Sciences	Meinel 307
9:17 AM - 9:57 AM	Keynote Speaker Markus Matthes Corporate VP, Development & Engineering, ASML "EUV Lithography: History, Fundamentals, Light Source State of the Art, and Beyond"	
9:58 AM - 10:18 AM	Faculty Presentation, Optical Engineering & Image Science Florian Willomitzer, Associate Professor of Optical Sciences "The Computational 3D Imaging and Measurement Lab – From Fast and Precise 3D Sensors to Looking Around Corners"	
10:19 AM - 10:31 AM	Student Presentation, Optical Engineering Joel Berkson, PhD Student Advisor: Daewook Kim "Fringe Projection Profilometry: a Critical Tool for Our Freeform Panel-forming Research"	
10:32 AM - 10:44 AM	Student Presentation, Optical Engineering Tyler Peterson, PhD Student Advisor: Rongguang Liang "Designing Freeform Optics with the Wave Aberration Polynomial Surface Type"	
10:45 AM - 10:55 AM	Break	
10:56 AM - 11:16 AM	Faculty Presentation, Photonics Mohamed ElKabbash, Assistant Professor of Optical Sciences "Zero Change CMOS Nanophotonics"	Meinel 3rd Floor Patio Meinel 307
11:17 AM - 11:29 AM	Student Presentation, Photonics Nathan Gottesman, PhD Student Advisor: Mahmoud Fallahi "Controllable Generation of Higher-Order Transverse Modes in VECSELS"	
11:30 AM - 11:42 AM	Student Presentation, Photonics Itay Ozer, PhD Student Advisor: Saikat Guha "Super-Resolution Imaging Without Prior Knowledge Using Spatial Modes Sorting"	



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TUESDAY, OCTOBER 24, 2023 CONT'D

PROGRAM TIME	EVENT	LOCATION
11:43 AM - 11:59 AM	Walk to Bear Down Gym	Bear Down Gym (next to Main Library)
12:00 PM - 1:15 PM	Lunch	
1:15 PM - 1:30 PM	Return to Meinel	
1:30 PM - 1:50 PM	Faculty Presentation, Optical Physics Kyle Seyler, Assistant Professor of Optical Sciences "Manipulating Quantum Nanomaterials with Light"	Meinel 307
1:51 PM - 2:03 PM	Student Presentation, Optical Physics Christian Pluchar, PhD Student Advisor: Dalziel Wilson "Imaging-based Quantum Optomechanics"	
2:04 PM - 2:16 PM	Student Presentation, Optical Physics Seth Erickson, PhD Student Advisor: Jason Jones "Direct Comb Spectroscopy for Compact Atomic Clocks"	
2:17 PM - 2:37 PM	Faculty Presentation, Image Science Ron Driggers, Professor of Optical Sciences "A Simple Method for Comparing Sensor Range Performance with Small Pitch LWIR and MWIR Detectors"	
2:38 PM - 2:50 PM	Student Presentation, Image Science Kimberly Doty, PhD Student Advisor: Lars Furenlid "Fiber Optic Plates as Light Guides for Scintillation Cameras"	
2:51 PM - 3:03 PM	Student Presentation, Image Science Jaclyn John, PhD Student Advisor: Meredith Kupinski "LWIR Spectral Polarimetry for Ice/Water Discrimination"	
3:04 PM - 3:24 PM	Break	Meinel 3rd Floor Patio
3:25 PM - 3:30 PM	Industry Update Tom Hausken, Senior Industry Advisor, Optica	Meinel 307
3:30 PM - 3:40 PM	Student Update, SOck & WiO	
3:40 PM - 4:20 PM	Student Rapid Fire Presentations (Eight 5-minute presentations)	
4:20 PM - 5:30 PM	Lab Tours - Open	



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WEDNESDAY, OCTOBER 25, 2023

PROGRAM TIME	EVENT	LOCATION
8:00 AM - 9:00 AM	Networking Breakfast	Meinel 3rd Floor Patio
9:00 AM - 5:00 PM	Student Interviews	Set up in Advance
11:30 AM - 1:00 PM	Farewell Pizza Party	Meinel 3rd Floor Patio



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