




THE UNIVERSITY OF ARIZONA
Wyant College
of Optical Sciences

INDUSTRIAL AFFILIATES WORKSHOP

MONDAY, OCTOBER 28, 2024

PROGRAM TIME	EVENT	LOCATION
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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The University of Arizona
Wyant College of Optical Sciences
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INDUSTRIAL AFFILIATES WORKSHOP

TUESDAY, OCTOBER 29, 2024

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	Welcome and Wyant College of Optical Sciences Update Tom Koch, Dean, Wyant College of Optical Sciences	Meinel 307
9:17 AM - 9:57 AM	Keynote Speaker Meredith Kupinski, Associate Professor of Optical Sciences "Developing an LWIR Polarimeter for Cloud Observations"	
9:58 AM - 10:18 AM	Faculty Presentation, Optical Engineering Hong Hua, Jean M. Bennett Optica Endowed Chair in Optical Sciences Professor of Optical Sciences "Optical Architectures for Foveated Virtual and Augmented Reality Displays"	
10:19 AM - 10:31 AM	Student Presentation, Optical Engineering Joshua Follansbee, PhD Student Advisor: Ronald Driggers "Active Targeting in the SWIR and eSWIR"	
10:32 AM - 10:44 AM	Student Presentation, Optical Engineering Natzem Lima, PhD Student Advisor: Travis Sawyer "Flexible Polarimetric Endoscopy"	
10:45 AM - 10:55 AM	Break	Meinel 3rd Floor Patio
10:56 AM - 11:16 AM	Faculty Presentation, Photonics Euan McLeod, Associate Professor of Optical Sciences "Lensfree Microscopy for Nano-bio-sensing"	Meinel 307
11:17 AM - 11:29 AM	Student Presentation, Photonics Siddharth Vats, PhD Student Advisor: Daniel Soh "Squeezed Enhanced Raman Spectroscopy"	
11:30 AM - 11:42 AM	Student Presentation, Photonics Josh Magnus, PhD Student Advisor: Khanh Kieu "Nondestructive 3D Imaging in Geologic Materials by Multiphoton Microscopy"	



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TUESDAY, OCTOBER 29, 2024 CONT'D

PROGRAM TIME	EVENT	LOCATION
11:43 AM - 11:59 AM	Walk to Bear Down Gym	Bear Down Gym
12:00 PM - 1:15 PM	Lunch	(next to U of A Library)
1:15 PM - 1:30 PM	Return to Meinel	
1:30 PM - 1:50 PM	Faculty Presentation, Image Science Leilei Peng, Associate Professor of Optical Sciences "Imaging Neural Activity with Two-photon Bessel Beam Light-Sheet Microscopy"	Meinel 307
1:51 PM - 2:03 PM	Student Presentation, Image Science Clarissa DeLeon, PhD Student Advisor: Meredith Kupinski "Toward Polarization-Enabled Wildfire Detection"	
2:04 PM - 2:16 PM	Student Presentation, Image Science Momoka Sugimura, PhD Student Advisor: Dongkyun Kang "Speckle Noise Reduction in Portable Confocal Microscopy for in vivo Human Skin Imaging"	
2:17 PM - 2:37 PM	Faculty Presentation, Optical Physics Dalziel Wilson, Associate Professor of Optical Sciences "Ultrahigh-Q Nanomechanics for Classical and Quantum Sensing"	
2:38 PM - 2:50 PM	Student Presentation, Optical Physics Aman R. Agrawal, PhD Student Advisor: Dalziel Wilson "A Suspended Focusing Metamirror for Integrated Cavity Optomechanics"	
2:51 PM - 3:03 PM	Student Presentation, Optical Physics Ian Pannemarsh, PhD Student Advisor: Poul Jessen "Closed-Loop Quantum Control of a Collective Atomic Spin for Science and Sensing"	
3:04 PM - 3:24 PM	Break	Meinel 3rd Floor Patio
3:25 PM - 3:30 PM	Industry Update Optica - Tom Hausken, Senior Industry Advisor	Meinel 307
3:30 PM - 3:40 PM	Student Group Reports - SOCK and WiO Clarissa DeLeon (SOC) & Paola Luna (OFA, formerly WiO)	
3:40 PM - 4:33 PM	Student Rapid Fire Presentations (5-minute presentations)	
4:33 PM - 5:30 PM	Lab Tours - Open	



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INDUSTRIAL AFFILIATES WORKSHOP

WEDNESDAY, OCTOBER 30, 2024

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

Tell Us How We Did!
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