



THE UNIVERSITY OF ARIZONA

Wyant College
of Optical Sciences

INDUSTRIAL AFFILIATES WORKSHOP

MONDAY, FEBRUARY 14, 2022

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 & Light Lunch	
3:00 PM - 6:00 PM	IA Member Corporate Showcase	
6:00 PM - 7:30 PM	Dinner	
7:30 PM - 9:00 PM	Showcase Breakdown & Pack Up	



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INDUSTRIAL AFFILIATES WORKSHOP

TUESDAY, FEBRUARY 15, 2022

PROGRAM TIME	EVENT	(Today's presentations will be livestreamed)	LOCATION
7:45 AM	Welcome Breakfast		Meinel 8th Floor
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 Welcome	Meinel 307
9:17 AM - 9:57 AM	Keynote Speaker	James E. Millerd and Neal J. Brock, 4D Technology "The Innovative Metrology Behind the James Webb Space Telescope"	
9:58 AM - 10:18 AM	Faculty Presentation	Khanh Kieu, Associate Professor of Optical Sciences "Advances in Fiber Laser Based Multiphoton Microscopy"	
10:19 AM - 10:31 AM	Student Presentation	Remington Spencer Ketchum, PhD student (Faculty Advisor: Robert Norwood & Pierre-Alexandre Blanche) "Texas Instruments PLM for Holography"	
10:32 AM - 10:44 AM	Student Presentation	Minghao Hu, PhD student (Faculty Advisor: David Brady) "Array Cameras for Sports Analytics"	
10:45 AM - 10:55 AM	Break		Meinel 3rd Floor Patio
10:56 AM - 11:16 AM	Faculty Presentation	Miroslav Kolesik, Professor of Optical Sciences "Nonlinearity and Turbulence in Long-wavelength Infra-red Pulses: Competition or Synergy?"	Meinel 307
11:17 AM - 11:29 AM	Student Presentation	Kevin Kuper, PhD student (Faculty Advisor: Poul Jessen) "Disentangling Sources of Error on a Quantum Simulator"	
11:30 AM - 11:42 AM	Student Presentation	Cheng Li, PhD student (Faculty Advisor: Tsu-Te Judith Su) "High Sensitivity and Selectivity Whispering Gallery Mode Chemical Gas Sensor"	
11:43 AM - 11:59 AM	Walk to Student Union		
12:00 PM - 1:15 PM	Lunch		Student Union - Grand Ballroom
1:15 PM - 1:30 PM	Return to Meinel		



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TUESDAY, FEBRUARY 15, 2022, cont'd

PROGRAM TIME	EVENT	LOCATION
1:30 PM - 1:50 PM	Faculty Presentation Daewook Kim, Associate Professor of Optical Sciences "OASIS: Inflatable Space Telescope Technology"	Meinel 307
1:51 PM - 2:03 PM	Student Presentation Lindsey Wiley, PhD student (Faculty Advisors: Ronald Driggers & David Brady) "Target Discrimination in the Extended SWIR Band"	
2:04 PM - 2:16 PM	Student Presentation Tyler Peterson, PhD student (Faculty Advisor: Rongguang Liang) "Monolithic Freeform Prism for Handheld Multiphoton Probe"	
2:17 PM - 2:37 PM	Faculty Presentation Amit Ashok, Associate Professor of Optical Sciences "Quantum-inspired Optical Super-resolution Imaging"	
2:38 PM - 2:50 PM	Student Presentation Jingwei Zhao, PhD student (Faculty Advisor: Dongkyun Kang) "Scattering-based Light Sheet Microscopy for Imaging Unstained Tissue"	
2:51 PM - 3:03 PM	Student Presentation Dustin Tran, PhD student (Faculty Advisor: Leilei Peng) "Fluorescence Anisotropy Imaging Using a Low-cost, Polarization-sensitive CMOS Camera"	
3:04 PM - 3:24 PM	Break	Meinel 3rd Floor Patio
3:25 PM - 4:15 PM	Student Rapid Fire Presentations (Ten 5-minute presentations)	Meinel 307
4:16 PM - 4:45 PM	Review of OSC Research Presentations	
6:00 PM - 8:00 PM	Optica and SPIE Networking Happy Hour	Gentle Ben's Brewing



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INDUSTRIAL AFFILIATES WORKSHOP

WEDNESDAY, FEBRUARY 16, 2022

PROGRAM TIME	EVENT	LOCATION
8:00 AM - 9:00 AM	Networking Breakfast	Meinel 3rd Floor Patio
9:00 AM - 11:30 AM	Tours - Open Labs	Meinel Building Labs
9:00 AM - 11:30 AM	Student Interviews	Assigned
11:30 AM - 1:00 PM	Student Awards & Farewell Pizza Party	Meinel 3rd Floor Patio



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