



THE UNIVERSITY OF ARIZONA

Wyant College
of Optical Sciences

INDUSTRIAL AFFILIATES WORKSHOP

MONDAY, FEBRUARY 22, 2021

PROGRAM TIME	EVENT
8:30AM-8:40AM PST 9:30AM-9:40AM MST 10:30AM-10:40AM CST 11:30AM-11:40AM EST	Begin Event Announcements & Event Format Explanation Jen Garcia, Senior Events Coordinator Event Logistics
8:40AM-8:50AM PST 9:40AM-9:50AM MST 10:40AM-10:50AM CST 11:40AM-11:50AM EST	Welcome Thomas Koch, Dean, UA Wyant College of Optical Sciences
8:50AM-9:20AM PST 9:50AM-10:20AM MST 10:50AM-11:20AM CST 11:50AM-12:20PM EST	Keynote Speaker: Dr. Bashar Rizk, OSIRIS-REx Camera Suite Lead Instrument Scientist
9:20AM-9:40AM PST 10:20AM-10:40AM MST 11:20AM-11:40PM CST 12:20PM-12:40PM EST	Faculty Research Presentation (Optical Engineering) Ron Driggers, Professor of Optical Sciences "Advanced Infrared Systems"
9:40AM-9:50AM PST 10:40AM-10:50AM MST 11:40AM-11:50AM CST 12:40PM-12:50PM EST	Invited Student Research Presentation Zhihan Hong, Ph.D. Student "3D Printing Glass Optics"
9:50AM-10:00AM PST 10:50AM-11:00AM MST 11:50AM-12:00PM CST 12:50PM-1:00PM EST	Invited Student Research Presentation Yuanyuan Sun, Ph.D. Student "Deep Learning Hyperspectral Imaging from a Single Image"
10:00AM-10:15AM PST 11:00AM-11:15AM MST 12:00PM-12:15PM CST 1:00PM-1:15PM EST	Break
10:15AM-10:35AM PST 11:15AM-11:35AM MST 12:15PM-12:35PM CST 1:15PM-1:35PM EST	Faculty Research Presentation (Optical Physics) Rolf Binder, Professor of Optical Sciences and Physics "Polariton Lighthouse Effect in Semiconductor Microcavities"
10:35AM-10:45AM PST 11:35AM-11:45AM MST 12:35PM-12:45PM CST 1:35PM-1:45PM EST	Invited Student Research Presentation Aman Agrawal, Ph.D. Student "Fabrication and Characterization of High Q Nanomechanical Resonators"
10:45AM-10:55AM PST 11:45AM-11:55AM MST 12:45PM-12:55PM CST 1:45PM-1:55PM EST	Invited Student Research Presentation Sawyer Miller, Ph.D. Student "Observation of Elliptically Polarized Light from Total Internal Reflection in Bubbles"
10:55AM-11:05AM PST 11:55AM-12:05PMMST 12:55PM-1:05PM CST 1:55PM-2:05PM EST	End Workshop - Corporate Showcase Tutorial & Lead into Elevator Speeches Industrial Affiliates will present 90-sec introductions to their companies in the continuing joint Zoom meeting before the individual company Zoom Tables open at 2PM
11:05AM-12:00PM PST 12:05PM-1:00PM MST 1:05PM-2:00PM CST 2:05PM-3:00PM EST	Industrial Affiliates Elevator Speeches (After Elevator Speeches Zoom will stay open for technical & general questions)



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INDUSTRIAL AFFILIATES WORKSHOP

MONDAY, FEBRUARY 22, 2021, cont'd

PROGRAM TIME

1:00PM PST | 2:00PM MST
3:00PM CST | 4:00PM EST

3:00PM PST | 4:00PM MST
5:00PM CST | 6:00PM EST

3:00PM PST | 4:00PM MST
5:00PM CST | 6:00PM EST

EVENT

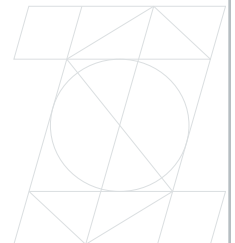
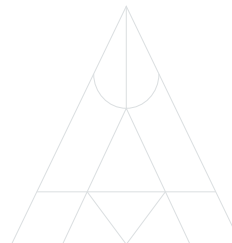
Virtual Corporate Showcase Opens

Find the Corporate Showcase Hall on our [website under the "Attend" tab](#)

Virtual Corporate Showcase Ends

Student and Industrial Affiliates Networking Event Hosted by POW Students

Thank you. Please Join us Tomorrow for Day 2.



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TUESDAY, FEBRUARY 23, 2021

PROGRAM TIME	EVENT
8:30AM-8:40AM PST 9:30AM-9:40AM MST 10:30AM-10:40AM CST 11:30AM-11:40PM EST	Tuesday Welcome & Announcements Thomas Koch, Dean of the Wyant College of Optical Sciences Welcome Jen Garcia, Senior Events Coordinator Announcements
8:40AM-9:00AM PST 9:40AM-10:00AM MST 10:40AM-11:00AM CST 11:40AM-12:00PM EST	Faculty Research Presentation (Photonics) Robert Norwood, Professor of Optical Sciences "Prime Time for Silicon Photonics"
9:00AM-9:10AM PST 10:00AM-10:10AM MST 11:00AM-11:10AM CST 12:00PM-12:10PM EST	Invited Student Research Presentation Orkhongua Batjargal, Ph.D. Student "All-fiber, Optical Parametric Oscillator Based on Birefringent Phase Matching in a Polarization Maintaining Fiber"
9:10AM-9:20AM PST 10:10AM-10:20AM MST 11:10AM-11:20AM CST 12:10PM-12:20PM EST	Invited Student Research Presentation Abhinav Nishant, Ph.D. Student "Compact Integrated Photonics Using Polymer Chalcogenides"
9:20AM-9:30AM PST 10:20AM-10:30AM MST 11:20AM-11:30AM CST 12:20AM-12:30AM EST	SPIE Industry Report Kent Rochford, CEO and Executive Director
9:30AM-9:50AM PST 10:30AM-10:50AM MST 11:30AM-11:50AM CST 12:30PM-12:50PM EST	Faculty Research Presentation (Image Science) Matthew Kupinski, Professor of Optical Sciences "Real-time Modeling of a Novel Brain SPECT Imaging System"
9:50AM-10:00AM PST 10:50AM-11:00AM MST 11:50AM-12:00PM CST 12:50PM-1:00PM EST	Invited Student Research Presentation Nachiket Kulkarni, Ph.D. Student "Low-cost Chromatic Confocal Endomicroscope for the Diagnosis of Cervical Precancer"
10:00AM-10:10AM PST 11:00AM-11:10AM MST 12:00PM-12:10PM CST 1:00PM-1:10PM EST	Invited Student Research Presentation Kwan Kit Lee, Ph.D. Student "Quantum-inspired Optical Super-resolution Adaptive Imaging"
10:10AM-10:30AM PST 11:10AM-11:30AM MST 12:10PM-12:30PM CST 1:10PM-1:30PM EST	Break
10:30AM-10:40AM PST 11:30AM-11:40AM MST 12:30PM-12:40PM CST 1:30PM-1:40PM EST	OSA Industry Report Liz Rogan, CEO
10:40AM PST 11:40AM MST 12:40PM CST 1:40PM EST	Student Recorded Research Presentations & Live Q&A Sessions Approx. 1-hour of 5-minute research presentations with 2 minutes of questions each
11:40AM-12:15PM PST 12:40PM-1:15PM MST 1:40PM-2:15PM CST 2:40PM-3:15PM EST	Wrap-Up & Overview, Review/Assessment of OSC Research Presentations



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