EVENT

Begin Event
Announcements & Event Format Explanation
Jen Garcia, Senior Events Coordinator | Event Logistics

Welcome
Thomas Koch, Dean, UA Wyant College of Optical Sciences

Keynote Speaker:
Dr. Bashar Rizk, OSIRIS-REx Camera Suite Lead Instrument Scientist

Faculty Research Presentation (Optical Engineering)
Ron Driggers, Professor of Optical Sciences
"Advanced Infrared Systems"

Invited Student Research Presentation
Zhihan Hong, Ph.D. Student
"3D Printing Glass Optics"

Invited Student Research Presentation
Yuanyuan Sun, Ph.D. Student
"Deep Learning Hyperspectral Imaging from a Single Image"

Break

Faculty Research Presentation (Optical Physics)
Rolf Binder, Professor of Optical Sciences and Physics
"Polariton Lighthouse Effect in Semiconductor Microcavities"

Invited Student Research Presentation
Aman Agrawal, Ph.D. Student
"Fabrication and Characterization of High Q Nanomechanical Resonators"

Invited Student Research Presentation
Sawyer Miller, Ph.D. Student
"Observation of Elliptically Polarized Light from Total Internal Reflection in Bubbles"

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

Industrial Affiliates Elevator Speeches
(After Elevator Speeches Zoom will stay open for technical & general questions)
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.
EVENT

Tuesday Welcome & Announcements
Thomas Koch, Dean of the Wyant College of Optical Sciences | Welcome
Jen Garcia, Senior Events Coordinator | Announcements

Faculty Research Presentation (Photonics)
Robert Norwood, Professor of Optical Sciences
"Prime Time for Silicon Photonics"

Invited Student Research Presentation
Orkhongua Batjargal, Ph.D. Student
"All-fiber, Optical Parametric Oscillator Based on Birefringent Phase Matching in a Polarization Maintaining Fiber"

Invited Student Research Presentation
Abhinav Nishant, Ph.D. Student
"Compact Integrated Photonics Using Polymer Chalcogenides"

SPIE Industry Report
Kent Rochford, CEO and Executive Director

Faculty Research Presentation (Image Science)
Matthew Kupinski, Professor of Optical Sciences
"Real-time Modeling of a Novel Brain SPECT Imaging System"

Invited Student Research Presentation
Nachiket Kulkarni, Ph.D. Student
"Low-cost Chromatic Confocal Endomicroscope for the Diagnosis of Cervical Precancer"

Invited Student Research Presentation
Kwan Kit Lee, Ph.D. Student
"Quantum-inspired Optical Super-resolution Adaptive Imaging"

Break

OSA Industry Report
Liz Rogan, CEO

Student Recorded Research Presentations & Live Q&A Sessions
Approx. 1-hour of 5-minute research presentations with 2 minutes of questions each

Wrap-Up & Overview, Review/Assessment of OSC Research Presentations