



ARIZONA PHOTONICS DAYS 2019

January 30th - February 1st

Location: BIO5 Institute, University of Arizona
AGENDA

Wednesday, January 30th

6:00 - 7:30 pm Welcome Reception - *Location: Aloft Tucson University*

Thursday, January 31st - Keating, Rm 103

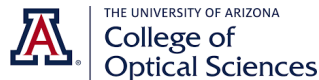
Remote Sensing and 3D Metrology

9:00 - 9:30 Welcome and VIP Introductions
9:30 - 10:00 Company Presentations
10:00 - 10:30 Russell Chipman, UA Optical Sciences/ Airy Optics, *"Polarization"*
10:30 - 11:00 Networking Break
11:00 - 11:20 Daewook Kim, UA Optical Sciences, *"Dynamic Freeform Optics Metrology"*
11:20 - 11:40 Hong Hua, UA Optical Sciences, *"Optical challenges and opportunities for next-generation augmented reality displays"*
11:40 - 12:10 Company Presentations
12:10 - 12:30 Global Photonics Alliance Presentation (*GPA Cluster Leaders*)
12:30 - 1:30 Lunch & Networking

Space Sensing

1:30 - 2:00 Michael Lesser, UA Steward Observatory, *"Advances in Astronomical Image Sensors"*
2:00 - 2:30 Company Presentations
2:30 - 2:50 Michael Hart, UA Optical Sciences, *"Remote Acoustic Imaging of Geosynchronous Satellites"*
2:50 - 3:10 Felipe Guzman, UA Optical Sciences, *"Laser Interferometry in Space"*
3:10 - 3:45 Networking Break
3:45 - 4:15 Company Presentations
4:15 - 4:35 Buell Jannuzi, UA Steward Observatory and Astronomy, *"Science Drivers for Innovations in Space Sensing"*
4:35 - 5:00 Dan Kilper, UA Optical Sciences, *"Optics on Demand for Big Science"*
5:00 - 7:00 Reception (food and drink) in BOI5 lobby featuring Research Showcase with University of Arizona students

We gratefully acknowledge the support of our Event Sponsors:



Friday, February 1st - Keating, Rm 103

Laser Technology

- 9:00 - 9:30 Company Presentations
- 9:30 - 9:50 Mahmoud Fallahi, UA Optical Sciences/ TPhotonics Inc., *"Watt-Level, Two-Color Tunable Semiconductor Lasers"*
- 9:50 - 10:10 Khanh Kieu, UA Optical Sciences/ KPHOTONICS, *"A Compact Femtosecond Fiber Laser: From Idea to the Market"*
- 10:10 - 10:40 Networking Break
- 10:40 - 11:10 Company Presentations
- 11:10 - 11:30 Jason Jones, UA Optical Sciences, *"Frequency Comb Spectroscopy from the VUV to the MIR"*
- 11:30 - 12:00 Eric Miller, PADT, *"3D Printing and Optics"*
- 12:00 - 12:30 Company Presentations
- 12:30 - 1:30 Lunch & Networking

Biomedical Technology

- 1:30 - 2:00 Martin Forrer, FISBA, *"Optics for Advanced Endoscopic Systems"*
- 2:00 - 2:20 Judy Su, UA Biomedical Engineering, *"Label-Free, Ultra-Sensitive, Biomolecular Detection for Basic Science and Translational Medicine"*
- 2:20 - 2:40 DK Kang, UA Optical Sciences, *"Low-Cost, in vivo Microscopy for Point-of-Care Disease Diagnostics"*
- 2:40 - 3:00 Bo Nelson, Spectral Instruments Imaging, *"Modern, High Sensitivity Optical Imaging"*
- 3:00 - 4:30 Lab Tours
- 4:30 - 6:00 Wrap up, Farewell Reception & Networking- *BSRL Lobby*

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