

# SPIE. PHOTONICS INDUSTRY SUMMIT

27 September 2023  
Washington DC, United States

Welcome to the second annual SPIE Photonics Industry Summit. This important event focuses on the optics and photonics industry as a key enabler of critical technology from the executive leadership perspective.

We are honored by the lineup of prestigious speakers joining us today to discuss the priorities of the US government in strengthening domestic manufacturing, supply chains, readiness in the workforce, and national security.

Thought leaders across the optics and photonics domain are seeking to shape the future and drive innovation. Meanwhile, major areas of government investment—including artificial intelligence, quantum technology, semiconductor manufacturing, and security and defense capabilities—are on the agenda to bring focus to technology development, job creation, and expansion of US innovation capacity.

Today's Summit is a special opportunity to learn, clarify business strategies, foster new alliances, and light the path toward a robust US science and technology enterprise. Thank you for your participation.



**Kent Rochford**  
CEO  
SPIE



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[spie.org/summit](http://spie.org/summit)

# Program Agenda

## Morning Session

8:30 AM Registration Opens

9:00 AM *Welcome and Introduction*



**Kent Rochford**  
SPIE CEO

9:05 AM *Introduction by Craig Walling, Hamamatsu Photonics*

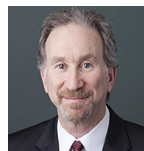
### Boosting US economic competitiveness through science, technology, and innovation



**Kei Koizumi**  
Principal Deputy Director for Policy, White House Office of Science and Technology Policy (OSTP)

9:45 AM *Introduction by Bernard Kress, Google*

### Semiconductor panel

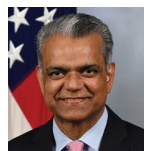


MODERATOR:  
**David Isaacs**  
Vice President, Government Affairs, Semiconductor Industry Association

PANELISTS:



**Eric K. Lin**  
Interim CHIPS Research and Development Program Director, National Institute of Standards and Technology



**Devanand Shenoy**  
Principal Director, Microelectronics, Office of the Under Secretary of Defense for Research and Engineering, US Department of Defense



**Matthew Borman**  
Deputy Assistant Secretary of Commerce, Export Administration Bureau of Industry and Security, US Department of Commerce

11:15 AM Coffee break

11:30 AM *Introduction by Robert Walker, Leonardo Electronics US*

### Directed energy programs at the Department of Defense

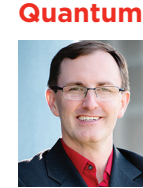


**Frank E. Peterkin**  
Principal Director for Directed Energy, Office of the Under Secretary of Defense for Research and Engineering

## Afternoon Session

12:15 PM Lunch break

1:15 PM *Introduction by Ravi Guntupalli, Teledyne Technologies*



MODERATOR:  
**Mark Tolbert**  
President, TOPTICA Photonics Inc.

PANELISTS:



**Gretchen Campbell**  
Deputy Director for the National Quantum Coordination Office at the White House Office of Science and Technology Policy



**Ceren Susut**  
Acting Associate Director of Advanced Scientific Computing Research, US Department of Energy



**Tess DeBlanc-Knowles**  
TIP Staff Associate for Technology Policy and Strategy, National Science Foundation



**Jonathan Felbinger**  
Deputy Director, Quantum Economic Development Consortium

2:45 PM Coffee break

3:00 PM *Introduction by Joe Spilman, Optimax Systems, Inc.*

### Potential legislative impacts on the optics and photonics industry



**Representative Joseph Morelle**  
US House of Representatives (NY-25)

3:45 PM *Introduction by John Williams, Quartus Engineering*

### Panel discussion on workforce development in critical technology areas



MODERATOR:  
**Alexis Vogt**  
Monroe Community College

PANELISTS:



**Louie R. Lopez**  
Director, Department of Defense STEM, Basic Research Office, Office of the Under Secretary of Defense



**Melinda Higgins**  
Director of STEM Programs, US Department of Energy, Office of Nuclear Energy



**Rosalyn Hobson Hargraves**  
Division Director, Division of Undergraduate Education, National Science Foundation



**Margaret Dominguez**  
Optics Associate Branch Head, NASA Goddard Space Flight Center

5:00 PM *Introduction by Jenn Cable, Thorlabs*

### Evening Reception

Attend this social reception directly following the panel on workforce development. Officials and congressional staff are encouraged to attend and contribute to the panel and then stay through the evening reception for more informal discussions with constituents.



REMARKS WILL BE GIVEN BY:  
**Representative Josh Gottheimer**  
US House of Representatives (NJ-5)

7:00 PM Closing

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Review bios and more online: [spie.org/summit](https://spie.org/summit)