

GOLD SPONSOR



Tuesday Oct. 8th

Welcome Reception

ATTENDEE WELCOME RECEPTION

FIVE O'CLOCK  
IN

*The Blue Room*  
at the Roosevelt

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**SPIE.**



Welcome to our opening evening at the historic Roosevelt Hotel in New Orleans. We are excited to have you join us for an hour of delightful company, delicious drinks, and delectable passed hors d'oeuvres.

Wednesday Oct. 9th

DAY 1



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8:00	Continental Breakfast
8:30	Morning Introduction <a href="#">Travis Green</a>
8:40	Recent Freeform Fabrication Processing Science Development <a href="#">Tayyab Suratwala, PhD</a>   <a href="#">Lawrence Livermore National Lab</a>
9:25	Optical Metrology for Advanced Optical Systems <a href="#">Prof. Daewook Kim, PhD</a>   <a href="#">University of Arizona</a>
9:55	Metrology of Glass Materials using Frequency Scanning Interferometry <a href="#">Tom Dunn, PhD</a>   <a href="#">Corning</a>
10:25	<b>Coffee Break - Sponsored by Mark Optics</b>
11:00	Semiconductor Supermirrors: Enabling Precision Metrology in the Infrared <a href="#">Garrett Cole, PhD</a>   <a href="#">Thorlabs</a>
11:30	Ultrafast Optics; Definition, Applications & Issues <a href="#">Olivia Wheeler-Williams, PhD</a>   <a href="#">Edmund Optics</a>
12:00	<b>Lunch - Sponsored by OptoTech Technologies</b>
1:00	Laser Damage, Causes, Mitigation & Measurement <a href="#">Nathan Carlie, PhD</a>   <a href="#">Edmund Optics</a>
1:30	LIGO Optics <a href="#">Simon Tait, PhD</a>   <a href="#">LIGO</a>
2:00	<b>Snack Break - Sponsored by Alpine Research Optics/Altechna</b>
2:15	Why You Can't Ignore the CMMC <a href="#">Kyle Simonis</a>   <a href="#">Isidore Data Management Consulting</a>
3:15	Training Tomorrow's Opticians, AMERICOM-Supported Workforce Development Ecosystems <a href="#">Kirsten Nobel, PhD</a>   <a href="#">AmeriCom</a>
3:45	Day 1 Conclusion <a href="#">Travis Green</a>
4:30	<b>Happy Hour - Sponsored by Heraeus Conamic</b>

Thursday Oct. 10th

DAY 2



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8:00	Continental Breakfast
8:25	Morning Introduction <a href="#">Travis Green</a>
8:30	Fractography and Fracture Mechanics during Optical Fabrication <a href="#">Tayyab Suratwala, PhD</a>   <a href="#">Lawrence Livermore National Lab</a>
9:15	How Fused Silica Enabled a Nobel Prize: LIGO's Optics <a href="#">Frank Nuernberg, PhD</a>   <a href="#">Heraeus Conamic</a>
9:45	<b>Coffee Break - Sponsored by Schott</b>
10:15	Advantages of Automating Scratch/Dig Inspection in Precision Optics <a href="#">Katie Dunn, PhD</a>   <a href="#">Dioptric, Inc.</a>
10:45	Developments in Machine Automation <a href="#">Dave Mohring</a>   <a href="#">OptiPro Systems</a>
11:15	Chalcogenide Glass Recycling and Plans for Infrared Material Growth <a href="#">David Shelton, PhD</a>   <a href="#">AmeriCom</a>
11:45	<b>Lunch - Sponsored by Spica Technologies, Inc.</b>
1:00	Recent Developments in Polishing Materials <a href="#">Justin Mahanna</a>   <a href="#">Universal Photonics</a>
1:30	Choosing the Right Polish <a href="#">William Gemmill</a>   <a href="#">Pureon, Inc.</a>
2:00	<b>Snack Break - Sponsored by Alpine Research Optics/Altechna</b>
2:15	The Right Chemistry for Ultrasonic Cleaning <a href="#">Thomas Marchal</a>   <a href="#">NGL Cleaning Technology SA</a>
2:45	Improving the Stability of the Ultrasonic Cleaning Process <a href="#">Tyler Wheeler</a>   <a href="#">Ecoclean, Inc.</a>
3:15	Day 2 Conclusion <a href="#">Travis Green</a>

Friday Oct. 11th

DAY 3



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LIGO

Livingston  
Observatory



National Science Foundation

**6:00AM: Grab & Go Breakfast**

**6:30AM: Depart Roosevelt**

**8:00AM: Arrive LIGO Livingston; 2 hr. tour**

**10:00AM: Depart LIGO**

**11:30AM: Arrive MSY airport or Roosevelt**

A tour of LIGO provides an exciting opportunity to learn about the groundbreaking science behind gravitational wave detection. Visitors will see the massive scale of the of two 4km long, 1.2m-wide steel vacuum tubes, learn about the science and optics behind LIGO and view the control room, the heart of the observatory. Learn more about the advanced technology features and instruments essential for maintaining the precision and accuracy required for detecting gravitational waves, offering a fascinating glimpse into the forefront of astrophysical research.

No proof of citizenship or early security screening is necessary.

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