

GOLD SPONSOR



Tuesday Oct. 8th
Welcome Reception

ATTENDEE WELCOME RECEPTION

FIVE O'CLOCK
IN

The Blue Room
at the Roosevelt

SPONSORED BY

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

Thursday Oct. 10th

DAY 2



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

Friday Oct. 11th

DAY 3



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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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