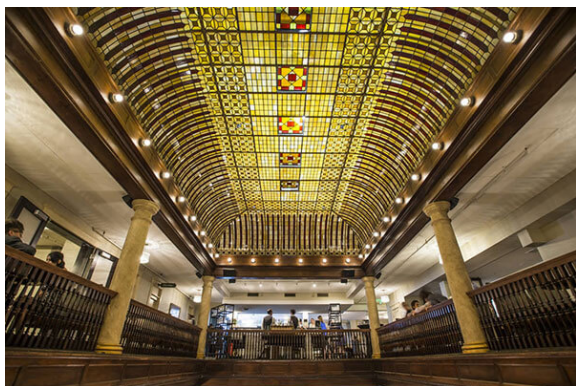




WELCOME RECEPTION | WEDNESDAY 4:30-5:30



Please join us Wednesday for cocktails and passed hors d'oeuvres on the mezzanine level at Hotel Boulderado.

2115 13th St, Boulder, CO 80302

NIST TOUR | THURSDAY



PRE-REGISTERED MORNING TOUR

Please meet in the lobby of Hotel Boulderado. Grab-and-go breakfast sandwiches available 7:30 AM at the hotel.

Shuttle buses depart promptly at 8:00 AM

PRE-REGISTERED AFTERNOON TOUR

Lunch will be served from the mezzanine level then tour participants will board the shuttles via main the lobby.

Shuttle buses depart promptly at 12:00 PM



THURSDAY | Nov. 10th

8:00 Continental Breakfast

8:30 Morning Introduction **LEE STENEKEN | APOMA**

8:45 Laser Damage Measurements & Novel High Power Laser Metrology
MIKE THOMAS | SPICA TECHNOLOGIES

9:15 Fabrication Methods and Challenges of Freeform Optics
DAVE MOHRING | OPTIPRO

9:35 Coffee Break – [Sponsored by HERAEUS]

10:00 Optimizing Your Polishing Process with the Proper Pad/Polish Combination
GARY ANDRESKI + DAVID SCHAWARZ | NGL GROUP

10:45 Increasing Throughput of Direct Energy Beam Directors
MIKE HYMAN | OPTIMAX

11:15 Lunch Break - Sponsored by Spica Technologies

1:00 Radiation Hardness of Fused Silica
FRANK NUERNBERG + KATELYN WATSON | HERAEUS

1:45 Deterministic Pitch Polishing
JUSTIN MAHANNA | UNIVERSAL PHOTONICS

2:30 Snack Break – [Sponsored by PR Hoffman]

3:00 International Trade Regulations and Government Contracting
KERRY SCARLOTT | NORTHSTAR LAW

3:45 Day 1 - Closing Statements **LEE STENEKEN | APOMA**

4:00 Happy Hour – @License No.1 Hotel Boulderado [Sponsored by Schott]



Morning Tour Departs
8:00AM



Afternoon Tour Departs
12:00PM



FRIDAY | Nov. 11th

7:45 Continental Breakfast

8:15 Morning Introduction **LEE STENEKEN | APOMA**

8:30 New Developments in ISO Standards
DAVE AIKENS | SAVVY OPTICS

9:15 Understanding Coolants and Trizact
CHRIS RUSSELL | UNIVERSAL PHOTONICS

9:45 Coffee Break – [Sponsored by HERAEUS]

10:15 Useful Rules-of-Thumb for Optical Fabrication
TAYYAB SURATWALA | LAWRENCE LIVERMORE NATIONAL LABS

11:15 Differences and Effects of Two Machine Concepts on the
Manufacturing Process of Aspherical and Freeform Lenses
MATTHIAS PFAFF | OPTOTECH

11:45 Lunch Break - Sponsored by Spica Technologies

1:00 The Beilby Layer and Interactions With the Glass Matrix
JAYSON NELSON | EDMUNDS OPTICS

2:00 Tribute to John Grievenkamp Presentation **PATRICK FRANZEN | SPIE**

2:15 Snack Break – [Sponsored by PR Hoffman]

2:45 How the Optical Manufacturing Apprenticeship Program Can Help Your Company
ALEXIS VOGT + ROSS MICALI | MONROE COMMUNITY COLLEGE

3:00 The Two Primary Missions of AmeriCOM **JEFF RUCKMAN | AMERICOM**

3:15 Front Range Community College **AMANDA MEIER | FRCC**

3:30 Workshop Conclusion **LEE STENEKEN | APOMA**