

MONDAY, JULY 28th

OPENING CEREMONIES (Sand Harbor Ballroom)

- 8:00 AM – 8:30 AM **President’s Message**
Joe McVeigh, President
- 8:30 AM – 9:00 AM **Keynote: Isotopes Play a Critical and Strategic Role in Advancing the United States’ National Interests**
Jeremy T. Busby, Oak Ridge National Lab.
- 9:00 AM – 9:30 AM **Refreshment Break (Exhibit Hall)**

FOCUSED TRAINING (Sand Harbor Ballroom)

- 9:30 AM – 12:00 PM **Focused Training Sessions**
Configuration Management
*Craig Dees, Idaho National Lab.;
Tim Gabriel, Savannah River National Lab.;
Nate Levene, Merrick & Company; &
Natalie Morvay, ATG*
- From Manual to Mechanical: Evolving Glovebox Operations with Retrofit Robotics**
Jacob Cornell, Oak Ridge National Lab.
- A Refined Project Management Approach for a Successful Glovebox Fabrication**
Kaleb Peete & Nikki Danakos, Los Alamos National Lab.
- Commerical Grade Dedication Fundamentals**
Sean Sherman, Curtiss-Wright
- 12:00 PM – 1:00 PM **Luncheon (Emerald Bay Ballroom at Harvey’s)**
Sponsored by: Curtiss-Wright
- 1:00 PM – 2:30 PM **Focused Training Sessions**
The Practical Application of Ergonomics in Glovebox Work
Drew Bailey, Lawrence Livermore National Lab.
- Creative Solutions: Incorporating Ergonomics into Post-Fab Radiation Protection Driven Glovebox Modifications**
*Jennelle Mann, Advetage Solutions LLC &
Rebecca Wantuck, Los Alamos National Lab.*
- Glovebox Leak Testing Techniques Used for Various Stages of Use**
David Kuhn, Leak Testing Specialists, Inc.
- 2:30 PM – 2:45 PM **Refreshment Break (Exhibit Hall)**
- 2:45 PM – 3:15 PM **Focused Training Sessions**
How Fabrication Tolerances Impact Final Products and Complex Integration
Matt Zanke & Natalie Morvay, ATG
- 3:15 PM – 4:00 PM **Refreshment Break (Exhibit Hall)**
- 4:00 PM – 5:30 PM **Hands-on Training Demo**
*Craig Dees, Idaho National Lab.
Chris Roybal & Bert Vigil, Los Alamos National Lab.*

MONDAY, July 28th (Continued)

FUNDAMENTAL TRAINING

(Emerald Bay Ballroom B - at Harvey’s)

- 9:30 AM – 10:20 AM **Theory of Containment**
John Newman, M.Braun, Inc.
- 10:20 AM – 11:10 AM **Glovebox Design**
Greg Wunderlich, Burns & McDonnell
- 11:10 AM – 12:00 PM **Ergonomics**
Nathan Sandoval, Los Alamos National Lab.
- 12:00 PM – 1:00 PM **Luncheon (Emerald Bay Ballroom at Harvey’s)**
Sponsored by: Curtiss-Wright
- 1:00 PM – 1:45 PM **Fabrication**
Chad Malnar, Premier Technology, Inc.
- 1:45 PM – 2:30 PM **Installation & Operation**
Craig Dees, Idaho National Lab.

Additional Sessions in Sand Harbor Ballroom

MONDAY 5:30 PM – 7:00 PM
Icebreaker Reception
Sponsored by: Merrick & Company



TUESDAY, JULY 29th (Sand Harbor Ballroom)

- 8:00 AM – 8:30 AM **Good Morning with Exhibitors & Poster Sessions**
Sponsored by: Paragon
- 8:30 AM – 10:00 AM **Technical Sessions**
- Next-Gen Nuclear Containment: Modular Hot Cells, No Gloves Required**
*Greg Wunderlich, Burns & McDonnell &
Mario Naranjo, Oak Ridge National Lab.*
- Best Practices for Specifying Molded Corner Window Gaskets in Nuclear Gloveboxes**
*Sean Thompson, Paragon Energy Solutions, LLC &
Roberto Naccarato, Elasto Proxy*
- Control Systems and Automation in Glovebox Environments**
Brandon Replogle, Lawrence Livermore National Lab.
- 10:00 AM – 10:30 AM **Break with Exhibitors/Posters/Glovebox Olympics**
Sponsored by: Walker Barrier Systems

CONFERENCE MOBILE APP

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TUESDAY, JULY 29th (Continued) (Sand Harbor Ballroom)

- 10:30 AM – 12:00 PM **Technical Sessions**
SSPA Glovebox Cracked Window Replacement
Nathan Peterson, Idaho National Lab.
- Collaborative Development of Shielded Glovebox Interlocking Guards for Operational Safety**
Rowan Frain, Sellafield
- OPEX Lessons Learned Update & UK Regulatory Approach and Expectations**
*Maria Dikeakos, DOE &
Mathew Dingsdale, UK Office of Nuclear Regulation*
- 12:00 PM – 1:00 PM **Luncheon (Emerald Bay Ballroom at Harvey’s)**
Sponsored by: Wagstaff Applied Technologies
- 1:00 PM – 2:30 PM **Technical Sessions**
- Ensuring Safe Integration: Evaluating Compatibility and Hazards of New Items in Glovebox Operations**
Amanda Martinez, Los Alamos National Lab.
- Containment Boundary Consumables Management**
Steve Vallor, AWE
- Robotic Applications for Glovebox Manufacturing**
Gage Spears, Premier Technology, Inc.
- 2:30 PM – 3:30 PM **Break with Exhibitors/Posters/Glovebox Olympics**
Sponsored by: COMPA Indutries, Inc.
- 3:30 PM – 4:30 PM **Technical Sessions**
- Factors Affecting Precision Weight Measurements in a Glovebox**
Russell Hallman, Consolidated Nuclear Security
- UK Industry Standardization and Training for Operational Efficiency**
Rebecca Steven, Sellafield
- 4:45 PM – 9:30 PM **M.S. Dixie Dinner Cruise**
Meet by Conference Registration Desk at 4:45 PM

WEDNESDAY, JULY 30th (Sand Harbor Ballroom)

- 8:00 AM – 8:30 AM **Good Morning with Exhibitors/Poster Sessions**
Sponsored by: Inert Corp.
- 8:30 AM – 10:00 AM **Technical Sessions**
- Glovebox Temperature Conditioning and Control Methods**
John Newman, MBraun
- Integration of ICP-MS in Glovebox**
Gautier Koenig, Inert Corp
- Nuclear Glovebox Glove Port Breach Design**
Ben Reznikov, Merrick & Company
- 10:00 AM – 10:30 AM **Break with Exhibitors/Posters/Glovebox Olympics**
Sponsored by: Vacuum Atmospheres



WEDNESDAY, JULY 30th (Continued)

(Sand Harbor Ballroom)

- 10:30 AM – 12:00 PM Technical Sessions**
Robotics for Glovebox Decommissioning: Deployment Updates
Robert Marwood & Christian Pilon, AtkinsRealis
- Confinement Unidirectional Resource Loading System (CURLS)**
Daniel Dilday, Argonne National Lab.
- From Glovebox to Soapbox: Thoughts on Gloveboxes from an Old Accident Investigator**
Doug Minnema, Ph.D., CHP, Defense Nuclear Facilities Safety Board
- 12:00 PM – 1:00 PM Luncheon (Emerald Bay Ballroom at Harvey's)**
Sponsored by: MBraun
- 1:00 PM – 2:30 PM Technical Sessions**
High-Efficiency Single-Pass Welding of 30mm Stainless Steel Using Dynamic Beam Laser (DBL)
Dr. Eyal Shekel, Civan Lasers Inc.
- Standards Development Committee Update**
Craig Johnson, Chair & Patrick Westover, Vice Chair
- Lightning Talks - Poster Session Presentations**
- 2:30 PM – 3:30 PM Break with Exhibitors/Posters/Glovebox Olympics**
Sponsored by: ATG
- 3:30 PM – 5:00 PM Technical Sessions**
Designing and Delivering Nuclear Gloveboxes - at Pace, to Quality
Alan Bevan, Ansaldo Nuclear Limited
- Glovebox Training & Education Program Standards**
Evelena Valencia & Vince, Garcia, Los Alamos National Lab.
- Lessons Learned Committee Update**
Stanley Trujillo Chair & Justin Dexter
- 5:00 PM – 5:30 PM Closing Ceremonies & Grand Prize Drawing**
Winners Must Be Present
Sponsored by: Walker Barrier Systems

THURSDAY, JULY 31st

(Sand Harbor Ballroom)

- 8:00 AM – 12:00 PM Workshop: Fundamentals of Air Filtration in Nuclear Applications**
Jamie Gibson, Director & Jay McCown, Senior Research Engineer, Mississippi State University, Institute for Clean Energy Technologys

POSTERS

Glovebox Technician Daily Operations and Obstacles
Jose Terrazas & Elier Granillo, Los Alamos National Lab.

Gloveboxes for French Tritium Facility
Oliver Vincent-Viry & Emmanuel Fleury, CEA

Housekeeping is Next to Godliness, The Importance of Glovebox Housekeeping
Samantha Sopha & Julian Carriedo, Los Alamos National Lab.

Glovebox RFID Integration
Jacob Fort, Los Alamos National Lab

Measuring Interstitial Elements Within a Glovebox at LANL
Shauni Williams & Lawrence Aragon, Los Alamos National Lab

Automation Glovebox Technologies
Logan Shay & Luke Davis, Oak Ridge National Lab.

The Use of Inert Atmosphere Gloveboxes for the Recovery of High Value Air Reactive Materials
Christopher Wightam, UT-Battelle

Modernizing Machine Tools for Glovebox Applications
David Lewis, Lawrence Livermore National Lab.

Adaptable Technology Integration for Enhanced Worker Safety and Efficiency within the SPD Gloveboxes for Can Cutting
Luke Davis, Oak Ridge National Lab.

POSTERS WITH LIGHTNING TALK

Glove Integrity: Inspect Early, Inspect Often
Hannah Gray, Oak Ridge National Lab.

ALARA Optimization
Jared Moraska, Los Alamos National Lab.

Standardization of Glovebox Subsystems Across MFC
Mitch Foster, Idaho National Lab.

GLOVEBOX OLYMPICS
 Competition will be held during refreshment breaks on Tuesday & Wednesday. First 200 participants receive an AGS Conference themed glass.
 Winners will be announced at the Closing Ceremony.

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AGS GLOVEBOX & ISOLATOR ANNUAL CONFERENCE AND EXPO

HANDS-ON-TRAINING • TECHNICAL SESSIONS • EXHIBITS

JULY 28-31, 2025

Harrah's Lake Tahoe - South Shore



FUNDAMENTAL AND HANDS-ON TRAINING

FOCUSED TOPICS: BEYOND GLOVEBOX DESIGN FROM FABRICATION TO OPERATIONAL EXCELLENCE

TECHNICAL SESSIONS

EXHIBITS



AGS
 American Glovebox Society
www.gloveboxsociety.org

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