

REGISTER TODAY!

AGS Glovebox & Isolator Annual Conference & Expo

HANDS-ON-TRAINING • TECHNICAL & POSTER SESSIONS • EXHIBITS

July 25-28, 2022

Renaissance Nashville Hotel
Nashville, TN



- BASIC AND HANDS-ON-TRAINING
- FOCUSED TRAINING: THE SAFE INTEGRATION OF ENCLOSURES & EQUIPMENT
- TECHNICAL SESSIONS
- GLOVEBOX OLYMPICS
- WORKSHOP: BASICS OF PRESSURE CHANGE TESTING OF GLOVEBOXES



AGS

AGS
526 South E Street
Santa Rosa, CA 95404
T. (800) 530-1022

Info and Online Registration: www.GloveboxSociety.org



Preliminary Program

MONDAY, JULY 25, 2022

7:00 AM - 5:00 PM	Registration Open
8:00 AM - 9:00 AM	Opening Ceremonies & Keynote by NASA
9:00 AM - 9:30 AM	Break
9:30 AM - 3:50 PM	Glovebox Fundamentals Training
9:30 AM - 3:50 PM	Glovebox Focused Topic Training
11:30 AM - 12:30 PM	Luncheon
	Sponsored by: Petersen Inc.
2:10 PM - 2:30 PM	Break
4:10 PM - 5:30 PM	Hands-on Demonstration
5:30 PM - 7:00 PM	Icebreaker Reception with Exhibitors
	Sponsored by: Merrick & Company

TUESDAY, JULY 26, 2022

7:30 AM - 5:00 PM	Registration Open
8:00 AM - 8:30 AM	Break with Exhibitors/Posters
8:30 AM - 10:00 AM	Technical Sessions
10:00 AM - 10:30 AM	Break with Exhibitors/Posters/Glovebox Olympics
10:30 AM - 12:00 PM	NNSA Presentation & Vendor Presentations
12:00 PM - 1:00 PM	Luncheon
	Sponsored by: Premier Technology, Inc.
1:00 PM - 3:00 PM	Technical Sessions
3:00 PM - 4:00 PM	Break with Exhibitors/Posters/Glovebox Olympics
4:00 PM - 5:00 PM	Technical Sessions

WEDNESDAY, JULY 27, 2022

8:00 AM - 3:00 PM	Registration Open
8:00 AM - 8:30 AM	Break with Exhibitors/Posters/Glovebox Olympics
8:30 AM - 10:00 AM	Technical Sessions
10:00 AM - 10:30 AM	Break with Exhibitors/Posters/Glovebox Olympics
10:30 AM - 12:00 PM	Technical Sessions
12:00 PM - 1:00 PM	Luncheon
	Sponsored by: Wagstaff Applied Technologies
1:00 PM - 2:30 PM	Technical Sessions
2:30 PM - 3:30 PM	Break/Posters/Glovebox Olympics/Exhibits Close
3:30 PM - 4:30 PM	Technical Sessions
4:30 PM - 5:00 PM	Annual Meeting/Closing Ceremony
	Grand Prize Drawing (<i>Winners Must be Present</i>)
	Sponsored by: ISA Corporation

THURSDAY, JULY 28, 2022

7:00 AM - 9:00 AM	Registration Open
8:00 AM - 12:00 PM	Standards Development Committee Meeting
8:00 AM - 12:00 PM	Workshop: Basics of Pressure Change Testing of Gloveboxes

Mobile App

The AGS Conference App will be available for download two weeks prior to the Conference, available for both iOS and Android platforms.

Why Download the App?

- View the full schedule of events
- Create a personal schedule
- Connect and network with attendees, speakers, and exhibitors
- Learn more about speakers
- Locate exhibitors using interactive floorplan
- Access area maps
- Receive updates and notifications
- Integrated with social media. View live feed #AGSConference
- Fun games and prizes

Glovebox Olympics



Put your skills to the test in a fun and challenging competition! Events Include: Grip Strength and Dexterity Tests.

Competition will be held during each break on Tuesday & Wednesday.

Winners will be announced at the Closing Ceremony.

GLOVEBOX TRAINING

Monday, July 25 (9:30 AM - 5:30 PM)

Fundamental Training

Presenters Include:

Natalie Morvay, Springs ATG, LLC; John Newman, M.Braun;
Martyn Page, AWE; Greg Wunderlich, Amentum

Hands-on-Training Team:

Paul Contreras, LANL; Christopher Roybal, LANL; Mark Borland, INL

Core Curriculum Includes:

Glovebox/Isolator Design ~ Ergonomics ~ Fabrication ~ Hands-on-Training
Installation & Operation ~ Theory of Containment ~ Procurement

Focused Training

The Safe Integration of Enclosures & Equipment

Presenters Include:

Megan Garrison, Merrick; Jonathan Hawke, National Nuclear Laboratory Limited;
Nate Levene, Merrick; Michael Marquez, LANL; Elliot Nash, Merrick; John Newman, M.Braun;
Steve Vallor, AWE; Gabrielle Vigil, LANL

Core Curriculum Includes:

Integration of equipment with gloveboxes often requires complex design solutions and unique operational methods. The focused topic training will include discussions on how to address equipment in the design phase all the way through operations. It will also include examples of how equipment integration has been implemented successfully.

Training topics include:

- Equipment Integration Design Considerations
- Equipment Integration Ergonomic Considerations
- Equipment Integration Fabrication Considerations
- Integration of Inerting Systems
- Successful Integration Examples



Nashville

**AGS Glovebox & Isolator
Annual Conference & Expo**

July 25-28, 2022

TECHNICAL SESSIONS

Below is a preliminary list of scheduled sessions.

Installing Ludlum Model-215 Alpha Hand Friskers on Gloveboxes
Alex Capatina, INL

Mag. Oxide - Vortex Hybrid Glovebox Fire Suppression
Ralph Clayton, Fire & Pump Service Group

Considerations for Welding Processes within a Glovebox
Craig Dees, INL

Integration of Complex Analytical Equipment into Alpha Glove Box Containment for the Replacement Analytical Project at Sellafield Ltd.
Site UK
Jonathan Hawkett, National Nuclear Laboratory Limited

Puncture Resistant Gloves for Glovebox Operations
Dr. Penny Rathbone, Sellafield Ltd.

Mobile Manipular Repair Glovebox
Jesse Kappmeyer, INL & Craig Johnson, Walker Barrier Systems

Integration of Waste Drum Port and Glovebox for Removal of Nuclear Waste
Justin B. Lanier, INL

Equipment Installation Projects at LANL
Michael Marquez, LANL; Gabrielle Vigil, LANL

Justifying the Continued Operational Use of Glovebox Gaskets After 25+ Years Service
Kishan Odedra, AWE plc

Extending the Total Operational Life of Glovebox Gloves (Storage and Fitted) Beyond 25 Years
Martyn Page, AWE plc

Streamlining Glovebox Fabrication Through Design Build Strategy
Megan Garrison, Merrick & Company; Elliot Nash, Merrick & Company

25 Years Experience with Coated Gloveboxes in an Acid Challenge Operating Environment
David Sweeney, AWE plc

Justifying the Operational Use of a 30 Year Old Glovebox Window
Steve Vallor, AWE plc

Northstar Hot Cell – Mo99 Hot Cells
John Newman, MBraun

Re-Purposing an Existing Containment to Accommodate an In-Line Welding Capability
Steve Vallor, AWE plc

Glovebox Pressure Control: Mitigating Negative Pressure Excursions
David Smith, Merrick & Company



WORKSHOP

Thursday, July 28th, 8 AM - 12 PM

Basics of Pressure Change Testing of Gloveboxes

This training will provide a cursory overview of the process involved with using the pressure change leak testing method to test the sealing capabilities of a glovebox. The processes described comply with the instruction provided in AGS G006 and will include topics such as:

- Environmental controls needed for test
- Pre-test condition of glovebox
- Test equipment – placement and accuracy
- Safety measures involved with pressurization/evacuation
- Data accumulation and calculation (e.g., spreadsheets)
- Efficient report generation
- Leak testing techniques available for troubleshooting

The intent of this training is to provide a high level perspective of what a leak testing technician has to navigate through in order to complete a glovebox pressure change test.

POSTER SESSIONS

PF-4 Cold Glovebox Removal
Elias Gonzales, LANL & Chris Trujillo, LANL

D&D of Gloveboxes and Utilities
Joseph Montoya, LANL & Rachel Quintana, LANL

Improved Safety & Efficiency for Mission-Critical Work in New Warehouse Space
Sarah Quintana, LANL; Paul Herrera, LANL & Benito Maestas, LANL

GRAND OLE OPRY SHOW & BACK STAGE TOUR

Tuesday, July 26th

The Grand Ole Opry House is a top destination for tourists who are drawn to Nashville and its musical heritage. Countless stars of country music, as well as performers in other genres, have graced the stage at the iconic venue. If you're a music lover, make sure to take in a show at the legendary Grand Ole Opry House. The Grand Ole Opry House draws legendary performers who have made a lasting impression on fans of all ages. The site is therefore a top destination for tourists who visit Nashville.

Performances sell out fast. Ticket sales will only be available until Wednesday, June 22nd.

Grand Ole Opry Post-Show Backstage Tour

- Visit the artist entrance where artists, crew and more have walked in for the show earlier that night.
- Have the chance to step on stage and into the famed wooden circle just as a parade of artists have done a few minutes earlier.
- Get a glimpse of some of the Opry's 18 uniquely themed dressing rooms.
- Post-show tours often also make a stop in Studio A, a live television studio and former home of HEE HAW.
- After you take in an Opry performance, let us officially say, "Welcome to the Family!"

Grand Ole Opry Show \$ 50.00

Grand Ole Opry Show & Post-Show Backstage Tour. \$ 83.00

CONTINUING EDUCATION

Continuing education credits are available. Contact AGS Office for more information.

GRAND PRIZE DRAWING

Sponsored by: ISA Corporation
Join us at the Closing Ceremonies for a chance to win a Surface Pro.
(Winners must be present)

EXHIBIT DRAWING

Visit the exhibit booths during the conference for a chance to win Beats headphones.
(Winners must be present)

REGISTRATION INFO

To register for the AGS Annual Conference & Exposition and/or Educational Training Seminar.

FAX (707) 578-4406

MAIL Your completed form with check, money order, government training form, government purchase order or credit card information to:

American Glovebox Society
526 South E Street, Santa Rosa, CA 95404
Telephone: (800) 530-1022
Fax: (707) 578-4406
ags@gloveboxsociety.org

WEB Register online at: GloveboxSociety.org

Cancellations

Cancellations must be received prior to June 24, 2022 to be entitled to a refund of registration fees less a \$50 processing fee.

HOTEL INFO

Renaissance Nashville Hotel

The AGS Conference will be held at the Renaissance Nashville Hotel. Boasting modern and inspiring features, Renaissance Nashville Hotel is a luxury haven in legendary Nashville, Tennessee. This Music City hotel is situated in the heart of downtown, attached to Fifth + Broad and moments from attractions like Bridgestone Arena and Music Row. Just a 4 minute walk to Ryman Auditorium!

Renaissance Nashville Hotel

611 Commerce Street - Nashville, TN 37203

Room Rate: \$219

Reservation: 877-901-6632

Cut-off Date: June 24th

Group Code: AGS or American Glovebox Society

Online Booking: GloveboxSociety.org/Conference.html

