

MONDAY, JULY 25th

OPENING CEREMONIES (Grand Ballroom 1)

- 8:00 AM – 8:30 AM President’s Message**
Justin Dexter, President
- 8:30 AM – 9:00 AM Lessons Learned**
Stanley Trujillo, Los Alamos National Lab.
- 9:00 AM – 9:30 AM Refreshment Break**
Sponsored by: Petersen Inc.

FOCUSED TRAINING (Grand Ballroom 1)

- 9:30 AM – 11:30 AM Focused Training Sessions**
 - Glovebox Equipment Integration Design Considerations**
Nathan Levene, PE, Merrick & Company
 - Inerting System Integration**
Craig Worthen, MBraun
 - Integration of Complex Equipment**
Jonathan Hawckett, National Nuclear Lab.
 - Glovebox Equipment Integration Fabrication Considerations**
John Newman, PE, MBraun
- 11:30 AM – 12:30 PM Luncheon (Grand Ballroom 3)**
Sponsored by: amentum™
Experience | Passion | Purpose
- 12:30 PM – 2:10 PM Focused Training Sessions**
 - Pharmaceutical Equipment Integration**
Craig Johnson, Walker Barrier Systems
 - Streamlining Glovebox Fabrication Through Design Build Strategy**
Elliot Nash & Megan Garrion, Merrick & Company
 - Equipment Installation at LANL**
Gabrielle Vigil, Michael Marquez, Tony Rolfes
Los Alamos National Lab.
- 2:10 PM – 2:30 PM Refreshment Break**
Sponsored by: Teledyne Brown Engineering
- 2:30 PM – 3:50 PM Focused Training Sessions**
 - Mullet Enclosure**
Tim Gabriel, Savannah River National Lab.
 - Pu238 Oxide Packaging Line at ORNL: Start to Finish**
Rodney Smith & Shannon Roddy, ORNL
- 3:50 PM – 4:10 PM Refreshment Break**
- 4:10 PM – 5:30 PM Glovebox Demo & Hands-on-Training**
Christopher Roybal, Los Alamos National Lab. & Mark Lounsbury, Idaho National Lab.

MONDAY, JULY 25th (Continued)

FUNDAMENTAL TRAINING (Fisk)

- 9:30 AM – 10:30 AM Theory of Containment**
John Newman, M.Braun, Inc.
- 10:30 AM – 11:30 AM Isolator Design**
Greg Wunderlich, PE, Amentum
- 11:30 AM – 12:30 PM Luncheon (Grand Ballroom 3)**
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- 12:30 PM – 1:20 PM Fabrication**
Natalie Morvay, Springs ATG, LLC
- 1:20 PM – 2:10 PM Ergonomics**
Nathan Sandoval, Los Alamos National Lab.
- 2:10 PM – 2:30 PM Refreshment Break**
Sponsored by: Teledyne Brown Engineering
- 2:30 PM – 3:20 PM Installation & Operation**
Martyn Page, AWE
- 3:20 PM – 3:50 PM Procurement & Quality Assurance**
Patrick Westover, Savannah River National Lab.
- 3:50 PM – 4:10 PM Refreshment Break**
- 4:10 PM – 5:30 PM Demo & Hands-on-Training (Grand Ballroom 1)**

ICEBREAKER RECEPTION
Monday, 5:30 PM - 7:00 PM

Sponsored by:



TUESDAY, JULY 26th (Grand Ballroom 1)

- 8:00 AM – 8:30 AM Break with Exhibitors/Poster Sessions**
Sponsored by: Fisher Company
- 8:30 AM – 10:00 AM Technical Sessions**
 - Installing Ludlum Model-215 Alpha Hand Friskers on Gloveboxes**
Alex Capatina, Idaho National Lab.
 - LANL Glovebox Design Methodology: Inception to Installation**
Adam Howell & Jacob Romero, Los Alamos National Lab.
 - Mag Oxide - Vortex Hybrid Glovebox Fire Suppression**
Ralph Clayton, Fire & Pump Service Group
- 10:00 AM – 10:30 AM Break with Exhibitors/Posters/Glovebox Olympics**
Sponsored by: Springs ATG, LLC

TUESDAY, JULY 26th (Continued)

(Grand Ballroom 1)

- 10:30 AM – 12:00 PM Technical Sessions**
 - Effects of Large-Scale Demolition on Zone 1 Exhaust System**
Doug Brown, Merrick & Company
 - Glovebox Pressure Control: Mitigating Negative Pressure Excursions**
David Smith, Merrick & Company
 - DOE/NNSA Presentation: Glovebox Demand**
Mark Edelson, NNSA
- 12:00 PM – 1:00 PM Luncheon (Grand Ballroom C)**
Sponsored by: PREMIER Technology, Inc.
- 1:00 PM – 3:00 PM Technical Sessions**
 - Extending the Total Operational Life of Glovebox Gloves (Storage And Fitted) Beyond 25 Years**
Martyn Page, AWE Plc
 - 25 Years Experience with Coated Gloveboxes in an Acid Challenge Operating Environment**
Dave Sweeney, AWE Plc
 - Justifying the Operational First Use of a 30 Year Old Glovebox Window**
Steven Vallor, AWE Plc
 - Justifying the Continued Operational Use of Glovebox Gaskets After 25+ Years Service**
Kishan Odedra, AWE Plc
- 3:00 PM – 4:00 PM Break with Exhibitors/Posters/Glovebox Olympics**
Sponsored by: Walker Barrier Systems
- 4:00 PM – 5:00 PM Technical Sessions**
 - UK ARC Programme - Glovebox Training Facility, Training Programs, & UK Training Standard Update**
Tina Forbes & Laura Harrison, Sellafeld Ltd
 - UK ARC Programme - Review of UK National Glovebox Leak Test Methods**
Carl Wroe, Sellafeld Ltd
- 6:00 PM Grand Ole’ Opry Show & Back Stage Tour**
Buses will depart from the hotel at 6:00 PM sharp!

CONFERENCE APP

Be sure to download the AGS Conference mobile app (available for both iOS and Android platforms). Download the Results at Hand (R@H Conference Beat) app and search AGS Conference. The app includes the schedule of events as well as information on speakers, exhibitors, and sponsors. The mobile app includes a game in which you can score points for a chance to win fun prizes! #agsconf22

GLOVEBOX OLYMPICS

Competition will be held during refreshment breaks on Tuesday & Wednesday. The first 100 participants will receive a commemorative AGS whiskey tasting glass. Winners will be announced at the Closing Ceremony.

WEDNESDAY, JULY 27th (Grand Ballroom 1)

8:00 AM – 8:30 AM **Break with Exhibitors/Poster Sessions**
Sponsored by: Walker Barrier Systems

8:30 AM – 10:00 AM **Technical Sessions**
Considerations for Welding Processes within a Glovebox
Craig Dees, Idaho National Lab.

Capacitor Discharge Stud Failures
Chad Malnar, Premier Technology, Inc.

Stainless Steel Material, Welding, and Design
Stanley Gingrich, Amentum

10:00 AM – 10:30 AM **Break with Exhibitors/Posters/Glovebox Olympics**
Sponsored by: Atkins

10:30 AM – 12:00 PM **Technical Sessions**
Development and Integration of a Next Generation 5-Axis Mill for Glovebox Use
Isha Oliver, Lawrence Livermore National Lab.

Re-Purposing an Existing Containment to Accommodate a Welding Process
Steven Vallor, AWE Plc

Modernization of Foundry Capabilities and Glovebox Integration
Christopher Rose, Lawrence Livermore National Lab.

12:00 PM – 1:00 PM **Luncheon (Grand Ballroom 3)**
Sponsored by:



1:00 PM – 2:30 PM **Technical Sessions**
A Practical Approach to Modeling Glovebox Designs for External Radiation Exposure
Lige Smith, Los Alamos National Lab.

Custom Seal Design for a Zipper to Bolted Window Conversion
Greg Wunderlich, PE, Amentum

AGS Standards Development Committee Update
Craig Johnson, Chair & Patrick Westover, Vice Chair

2:30 PM – 3:30 PM **Break with Exhibitors/Posters/Glovebox Olympics**
Sponsored by: Sargent & Lundy

3:30 PM – 4:30 PM **Technical Sessions**
Northstar Hot Cell - Mo99 Hot Cells
John Newman, PE, MBraun

Lessons Learned
Stanley Trujillo, Los Alamos National Lab.

4:30 PM – 5:00 PM **Closing Ceremonies & Grand Prize Drawing**
Winners Must Be Present
Sponsored by: ISA Corporation

THURSDAY, JULY 28th

8:00 AM – 12:00 PM **Basics of Pressure Change Testing of Gloveboxes**
Dave Kuhn, Leak Testing Specialists (Music City)

8:00 AM – 12:00 PM **Standards Development Committee (Rock & Roll)**

POSTER SESSIONS

Poster sessions will be held in the Grand Ballroom foyer during refreshment breaks.

PF-4 Cold Glovebox Removal
Elias Gonzales, Chris Trujillo, & Daniel Fernandez, Los Alamos National Lab.

D&D of Gloveboxes and Utilities
Joseph Montoya & Rachel Quintana, Los Alamos National Lab.

Improved Safety & Efficiency for Mission-Critical Work in New Warehouse Space
Sarah Quintana, Paul Herrera, & Benito Maestas, Los Alamos National Lab.

Novel Glovebox and Exposure Chamber Design to Conduct Full Immersion Aerosol Testing of Large Items with Super Toxic Materials
David McCaskey, U.S. Army

EXHIBITORS

Exhibit Hall is in Grand Ballroom 2. Download the Conference app for more information about our Exhibitors including a detailed floorplan.

Amentum
Atkins
Curtiss Wright Corporation
Douglas Electrical Components
Eaton
Fire and Pump Service Group
Fisher Company
Guardian Manufacturing
Haption
HaptX
Honeywell Safety & Productivity Solutions
Inert Corporation
ISA
Jung Gummitechnik

LEDynamics, Inc.
MBraun
MK MetalFree
Merrick & Company
Petersen Inc.
Piercan
Premier Technology, Inc.
Sargent & Lundy
Springs ATG, LLC
Teledyne Brown Engineering
Vacuum Atmospheres
Wagstaff Applied Technologies
Walker Barrier Systems

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FINAL PROGRAM

AGS Glovebox & Isolator Annual Conference & Expo

July 25-28, 2022

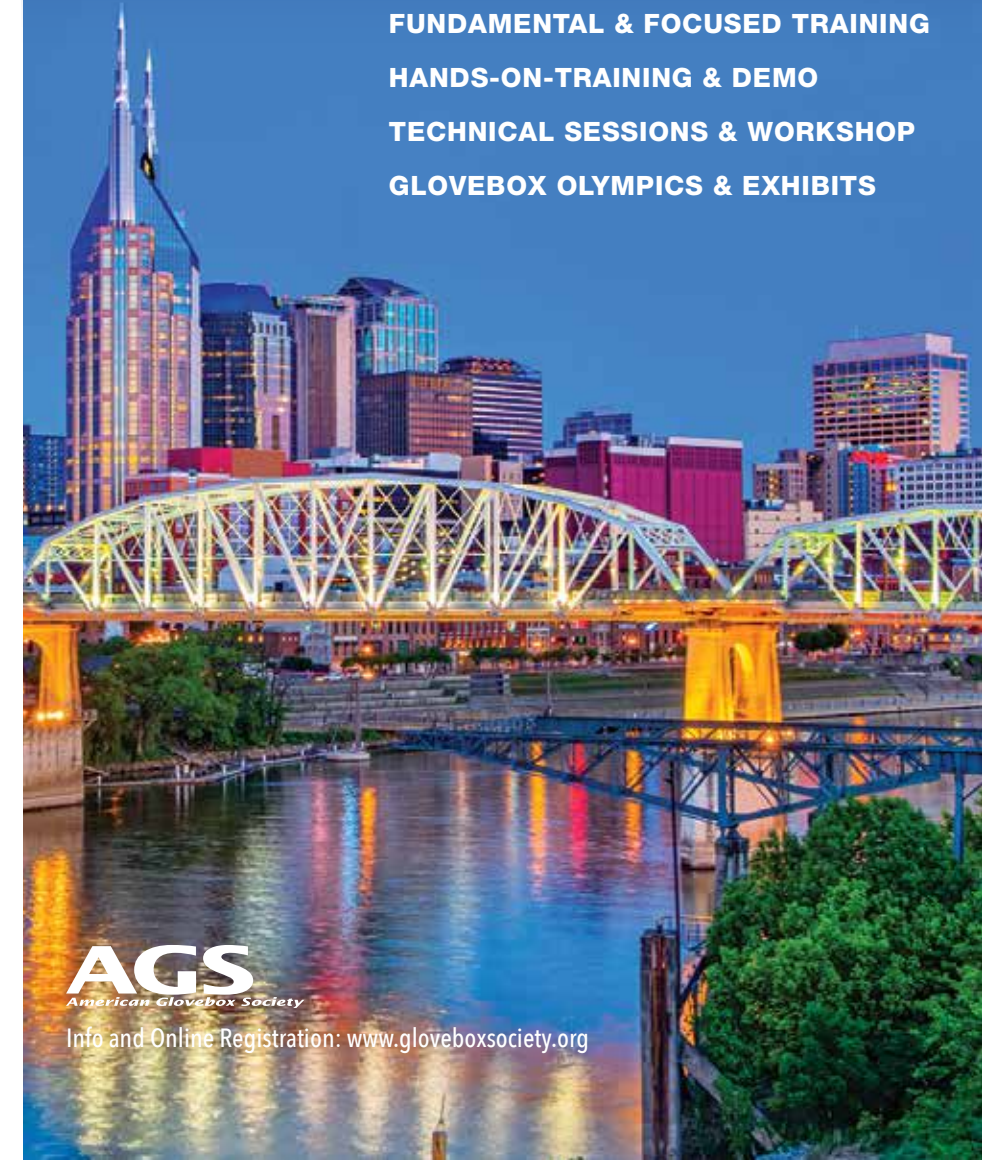
RENAISSANCE NASHVILLE HOTEL, NASHVILLE, TN

FUNDAMENTAL & FOCUSED TRAINING

HANDS-ON-TRAINING & DEMO

TECHNICAL SESSIONS & WORKSHOP

GLOVEBOX OLYMPICS & EXHIBITS



Info and Online Registration: www.gloveboxsociety.org