MONDAY, JULY 24th

OPENING CEREMONIES
(Executive Ballroom A-D)
8:00 AM – 8:30 AM  President’s Message
Paul Contreras, President

8:30 AM – 9:00 AM  Keynote Address
Manhattan Project - Alan B. Carr

9:00 AM – 9:30 AM  Refreshment Break (Executive Ballroom Foyer)
Sponsored by: Burns & McDonnell

FOCUSED TRAINING
(Executive Ballroom A-D)
9:30 AM – 12:00 PM  Focused Training Sessions

- Development of Automation Technologies for Glovebox Processing
  Matthew Hurris, Oak Ridge National Lab.
  & Patrick Folk, Savannah River National Lab.
- Keep Your Hands Out of the Glovebox - Leveraging Robotics for Safer Glovebox Operations
  Robert Manwood & Christopher Pilon, Atkins
- Evolution of Product Definition
  Marcelino Vigil, Merrick & Company
  A Development Pathway to Containment SME
  Dean Rhodeo, Merrick & Company
- Glovebox Design in Zero Gravity and Future Applications in Space Colonization
  Jerry George & Chris Roybal, Los Alamos National Lab.

12:00 PM – 1:00 PM  Luncheon (Lotus Ballroom)
Sponsored by: Burns & McDonnell

FOCUS TRAINING (Executive Ballroom A-D)
10:00 AM – 10:30 AM  Break with Exhibitors/Posters/Glovebox Olympics
Sponsored by: Burns & McDonnell

MONDAY, JULY 24th (Continued)

FUNDAMENTAL TRAINING
(Egyptian Ballroom 2&3)
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
Rebecca Wantuck, Los Alamos National Lab.

12:00 PM – 1:00 PM  Luncheon (Lotus Ballroom)
Sponsored by: Curtiss-Wright

1:00 PM – 1:45 PM  Fabrication
Natalie Morvay, Springs ATG, LLC

1:45 PM – 2:30 PM  Installation & Operation
Martyn Page, AWE

2:30 PM – 2:45 PM  Refreshment Break (Egyptian Ballroom Foyer)

2:45 PM – 5:00 PM  Glovebox Demo & Hands-on Training (Egyptian A-D)
Jerry George & Chris Roybal, Los Alamos National Lab.

TUESDAY, JULY 25th

CONFERENCE MOBILE APP
Be sure to download the AGS Conference mobile app (available for both iOS and Android platforms. 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! #agsconf23

10:00 AM – 10:30 AM  Break with Exhibitors/Poster Sessions
Sponsored by: Stephen Brown Engineering

10:30 AM – 12:00 PM  Technical Sessions
Mobile LiDAR - Digital Twins
Scott Gustafson, Merrick & Company & Ken Horen, Los Alamos National Lab.

12:00 PM – 1:00 PM  Luncheon (Lotus Ballroom)
Sponsored by: Wagstaff Applied Technologies

1:00 PM – 3:00 PM  Technical Sessions
Plate Glovebox Design for Highly Corrosive Environments Using Coatings and Corrosion Resistant Seismic Restraints
Nick Vrettos, Merrick & Company

Development of an Alpha Good Practice Guide for New Alpha Engineers
Jim Rigby, National Nuclear Lab.

Selecting & Testing Replacement Oxygen Analyzer for Gloveboxes at MFC
Alex Capatina, Idaho National Lab.

Tritium Gloveboxes at the Weapons Engineering Tritium Facility (WETF)
Christopher Roybal, Los Alamos National Lab.

3:00 PM – 4:00 PM  Break with Exhibitors/Posters/Glovebox Olympics
Sponsored by: Fisher Company

4:00 PM – 5:00 PM  Technical Sessions
The Wonderful World of Walk-In Enclosures
Dennis Pendley, Merrick & Company

HPDS Gloveboxes at Hydrogen Technology Research Laboratory
Cory Hall, MBraun & Timothy Gabriel, Savannah River National Lab.

WEDNESDAY, JULY 26th

TUESDAY, JULY 25th (Continued)

12:00 PM – 1:00 PM  Luncheon (Lotus Ballroom)
Sponsored by: Wagstaff Applied Technologies

12:00 PM – 1:00 PM  Break with Exhibitors/Poster Sessions
Sponsored by: Stephen Brown Engineering

1:00 PM – 3:00 PM  Technical Sessions
The AGS Glovebox Channel Gasket Design
Greg Wunderlich, Burns & McDonnell

Carbon Analyzer Replacement in A Challenging Glovebox Environment
David Sweeney, AWE plc

Glovebox Standards & Repeatable Details at Los Alamos National Laboratory
Renee Mondragon & Josh Willard, Los Alamos National Lab.

10:00 AM – 10:30 AM  Break with Exhibitors/Poster Sessions
Sponsored by: Stephen Brown Engineering
WEDNESDAY, JULY 26th (Continued)

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

10:30 AM – 12:00 PM Technical Sessions
Developing Glovebox Leak Trace/Leak Testing Skills Through Standardization Training Requirements
Tina Forbes, Sellafield
Systematic Approach to Producing Parametric Modelling of National Glove Box Design Arrangements
Daniel Wearden, Sellafield
The UK Approach to Producing National Glovebox Guides
Adam Yates-Dutton, Sellafield
Glovebox - Transfer/Vacuum Chambers with Component Elevators
Peter Waddingham & Ryan Siebring, MBraun

12:00 PM – 1:00 PM Luncheon (Lotus Ballroom)
Sponsored by: Premier Technology, Inc.

1:00 PM – 2:00 PM Technical Sessions
SRNL Shielded Cells Window Replacement
Patrick Westover, Savannah River National Lab.
Glovebox Operator Training Techniques & Best Practices
Evelena Valencia & Vince Garcia, Los Alamos National Lab.

2:00 PM – 3:00 PM Break with Exhibitors/Posters/Glovebox Olympics
Sponsored by: Atkins

3:00 PM – 5:00 PM Technical Sessions
Seismic Qualification of Electrical Components in Commercial Grade Dedication
John Hendricks, Curtiss-Wright Nuclear
AGS-G010 Fire Protection Update Highlights
Britt Catron, Los Alamos National Lab. & Ralph Clayton, Fire & Pump Services
Overview of Supervisory Emergency Paging System (SPAS) Dedication and Installation Project
Veronica Martin, Los Alamos National Lab.
AGS Standards Update & Lessons Learned
Craig Johnson, SDC Chair; Stanley Trujillo, Los Alamos National Lab. & Justin Dexter, Burns & McDonnell

5:00 PM – 5:30 PM Closing Ceremonies & Grand Prize Drawing
Sponsored by: Fire & Pump Service Group

THURSDAY, JULY 27th

8:00 AM – 12:00 PM Swagelok Seminar
Matt Dickson, Swagelok

1:00 PM – 5:00 PM Swagelok Seminar
Matt Dickson, Swagelok

SPECIAL TICKET REQUIRED FOR SEMINAR

Exhibitors
Egyptian Ballroom E-H

Arkena, Inc.
Atkins
Burns & McDonnell
Central Research Laboratories
Curtiss Wright
Douglas Electrical Components
Eaton
Fire & Pump Service Group
Fisher Company
Hapton Corp.
Inert Technology
ISA Corp.
James Fisher Technologies
Jung Gummitechnik GMBH
MBraun, Inc.
Midwest Fasteners, Inc.
MK Metalfree Corporation
NuVision - Wallschmiler
Petersen Inc.
Piercan USA
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Grand Prize Sponsor
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POSTER SESSIONS

Trace Moisture and Oxygen Measurement in Glove Box Applications
Andrew Durant, Panametrics
Activity Screening Worksheet (ASW), Activity Startup
Loreto Vialpando, Los Alamos National Lab.
The UK Approach to Producing National Glovebox Guides
Adam Yates-Dutton, Sellafield
Glovebox - Transfer/Vacuum Chambers with Component Elevators
Peter Waddingham & Ryan Siebring, MBraun

Refreshment Break Sponsors
Swagelok

SPECIAL TICKET REQUIRED FOR SEMINAR