

Mark Your Calendar

AGS GLOVEBOX & ISOLATOR ANNUAL CONFERENCE & EXPO

HANDS-ON-TRAINING • TECHNICAL SESSIONS • EXHIBITS

JULY 22-25, 2019

Westin Boston Waterfront - Boston, MA



- BASIC AND HANDS-ON-TRAINING
- TECHNICAL SESSIONS
- FOCUSED TRAINING:
CONTAINMENT & SHIELDING
OF RADIOACTIVE MATERIAL
- EXHIBITS



AGS
American Glovebox Society

Info and Online Registration: www.gloveboxsociety.org

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

Preliminary Program

MONDAY, JULY 22, 2019

7:00 AM - 5:00 PM	Registration Open
8:00 AM - 9:00 AM	Opening Ceremonies & Keynote Address
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: Vigor Works
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 23, 2019

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
	Sponsored by: Springs ATG, LLC.
10:30 AM - 12:00 PM	Technical Sessions
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 24, 2019

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 25, 2019

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: An Intro to Nondestructive Testing

KEYNOTE



Ray Smith

Oak Ridge Historian, Y-12 Historian (retired), Author, Film Producer, and Photographer

With over 48 years living and working in Oak Ridge, TN, Ray Smith has developed an extensive understanding and appreciation of the heritage of Oak Ridge's history, especially the Manhattan Project era and resulting technological advances during ensuing years. He serves as the Historian for the city of Oak Ridge, TN. He has co-produced the award-winning and highly acclaimed *Secret City: The War Years* and *Secret City: 1945 – 2006* DVD set that has become the definitive history of Oak Ridge. He produced a four-episode television series of 30-minute programs on the history of the Y-12 National Security Complex, A Nuclear Family, which has won four platinum Remi Awards in the World Fest-Houston International Film Festival. He compiled twelve documentary short films including the award winning *Our Hidden Past* series into a two DVD set, Y-12 Anthology.

MOBILE APP

AGS Conference App

The AGS Conference App will be available for download beginning June 22nd. Available for both iOS and Android platforms. Download the Attendee Hub app and search AGS Conference.

Why Download the App?

- View the full schedule of events
- Create a personal schedule
- Connect and network with attendees, speakers, 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 Training

Monday, July 22 (9:30 AM - 5:30 PM)

FUNDAMENTAL TRAINING

Presenters Include:

Martha Chan, Los Alamos National Laboratory; Paul Contreras, Los Alamos National Laboratory; Joe McVeigh, Y-12; John Newman, M.Braun; Kevin Oliver, Springs ATG; Martyn Page, AWE; Christopher Roybal, Los Alamos National Laboratory; Greg Wunderlich, AECOM

Core Curriculum Includes:

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

FOCUSED TRAINING

CONTAINMENT & SHIELDING OF RADIOACTIVE MATERIAL

Presenters Include:

Mark Borland, INL; Martha Chan, LANL; John Newman, M.Braun; Greg Wunderlich, AECOM; Gaby Wijaya, Hot Cell Services; Carolyn Haass, Northwest Medical Isotopes; Kevin O'Brien, Merrick & Company

Core Curriculum Includes:

One of the primary functions of gloveboxes is to protect workers from hazardous materials. For many gloveboxes, the hazard is radioactive materials. The type of enclosure that is required for this hazard depends on the type of material and can range from a standard glovebox to protect the worker from inhalation or ingestion of the material to a thick walled hot cell to protect the worker from radiation. The focused topic training will include discussions on the types of radiation and the design and operational requirements for each, including discussions on gloveboxes (shielded and unshielded), shielded cells, and hot cells.

Training topics include:

- Radiation Basics
- Radiation Protection Ergonomic Impacts
- Designing Shielded Gloveboxes and Hot Cells
- Radiopharmaceuticals
- Manipulator Selection
- Shielding Testing



Preliminary

Program

Technical Sessions

Technical Sessions are scheduled on Tuesday & Wednesday. Below is a preliminary list of scheduled sessions.

Mobile PU Glovebox
John Newman, MBraun, Inc.

238Pu Intake During Glovebox Cable Maintenance
Wendy Conley, LANL

Cold Testing Glovebox Process Equipment
Bryce Hinderer, Paul Herrera, Gabrielle Vigil, LANL

Balancing Dose Reduction from Shielding and the Impact on Workplace Ergonomics
Janelle Mann, LANL

Design & Development of the New General Use In-Glovebox Container
Jude Oka, LANL

Glovebox Hazard Event - Operator Puncture Wound During Functional Test of a Pu Glovebox
Kevin McGhie, AWE

Lessons Learned from a Glovebox Loss of Containment Incident
Martyn Page, AWE

Results of Bubbler Flow Testing
Aaron Balsmeier, INL

Induction Furnace Containment Steam Accident Scenario
Mitch Woolf, INL

Modifications to the Waste Form Testing Glovebox
Brandon Hill, INL

Dose Characterization for Various Glovebox Configurations Using MCNP
Jenelle Mann, LANL

Glovebox Shielding Methods & Applications Used at LANL
Ben Aguirre & Charlie Browne, LANL

RAIN Innovation in Robotics for Glovebox POCO
Robert Skilton, UK Atomic Energy Authority

Lessons Learned Converting a Commercial Enclosure to a Uranium Handling Glovebox
Denis Johnston INL

Lessons Learned
Stanley Trujillo, LANL & Justin Dexter, M. Braun, Inc.

WORKSHOP

Thursday, July 25 (8 AM - 12 PM)

Speaker: Brian Laite, Senior Level III, Leak Testing Specialists

Course Description:

Nondestructive Examinations (NDE) – What is NDE? Why is NDE important? And where is NDE specified? Is NDE the same as NDT and NDI? This four (4) hour training seminar will focus on the true meaning of NDE and reasons why we need it, and what happens if we don't utilize it. We will talk about the differences between Specifications, Codes, and Standards governing what method(s) of NDE we use. We will look into the training requirements to become qualified and certified and... discuss the differences between the two concepts. We will finish off talking about the various NDE methods used in industry today and the basic principles of each method.

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)



Glovebox Olympics

**FUN,
CHALLENGING,
REWARDING!**



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.

EXHIBIT HALL

A limited number of exhibit booths are still available. Visit the AGS Website for more information: GloveboxSociety.org

POSTER SESSIONS

Responding to Personnel Contamination in the Plutonium Facility
Harold Chacon & Stephanie Archuleta, LANL

Nitrogen Based Glovebox Fire Suppression System Testing
Ralph Clayton, LANL

Ergonomic Shielding for Aqueous Operations
Santiago Jaramillio & Scott Warnock, LANL

Upgrade of the Plutonium Electrorefining Control System
Vanessa Martinez & Tony Chirumbole, LANL

Glovebox Shielding
Joesph Montoya, LANL

Registration Information

To register for the AGS 32nd 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 www.gloveboxsociety.org

Cancellations

Cancellations must be received prior to June 27, 2019 to be entitled to a refund of registration fees less a \$35.00 processing fee.

Location and Hotel Reservations

About Westin Boston Waterfront

Just two blocks from the water in the Seaport District, the Westin Boston Waterfront offers contemporary accommodations near celebrated downtown attractions. Enjoy effortless relaxation in well-appointed rooms and suites with 55-inch Smart TVs, modern essentials, plush Westin Heavenly™ Beds and signature bath amenities. Gather in over 90,000 square feet of versatile meeting and event space, directly linked to the adjacent Boston Convention and Exhibition Center. Discover incredible shopping, concerts and diverse attractions, including the Boston Children's Museum, Blue Hills Bank Pavilion and the cruise port. After an unforgettable day of business or fun, get a taste of delectable Irish pub fare, classic American fare and signature cocktails at our distinctive restaurants and bars. With a heated indoor pool and sleek WestinWORKOUT® Fitness Studio, our Boston hotel has everything you need, right where you need it.

Westin Boston Waterfront

425 Summer St, Boston, MA 02210

Room Rate: \$249

Reservation: (617) 532-4600

Cut-off Date: June 27th

Group Code: AGS19





MARK YOUR CALENDAR

AGS Annual Conference

July 22-25, 2019

Weston Boston Waterfront
Boston, MA

- Basic and Hand-on-Training
- Technical Sessions
- Focused Training: Containment & Shielding of Radioactive Material
- Exhibits

AGS

REGISTRATION FORM

REGISTRATION SELECTION

- \$845 - AGS ANNUAL CONFERENCE – EARLY BIRD RATE (Register by or before June 27th)
- \$895 - AGS ANNUAL CONFERENCE – AFTER DATE RATE (Register after June 27th)
- \$295 - AGS POST-CONFERENCE WORKSHOP (Overview of Non-Destructive Examination (NDE) July 25th)

CONTACT INFORMATION

Full Name:		
Company Name:		
Address:		
City, State, Zip:		
Address Type:	<input type="checkbox"/> Business Address <input type="checkbox"/> Residential Address	Bus. Phone:
Email:		

PAYMENT INFORMATION

Make checks payable to AGS and mail, with form, to: 526 So. E Street, Santa Rosa, CA 95404

Or, Pay by Credit Card:

CC # _____ Name on Card _____

Expiration Date _____ CID _____ Billing Zip Code: _____