

# MIRION Connect **23**

Annual Users' Conference

## July 17 - 21, 2023

**The Gaylord National Resort & Convention Center**  
201 Waterfront Street, National Harbor, Maryland



EXPLORE.  
DISCOVER,  
INNOVATION.

# JOIN US FOR MIRION CONNECT OUR ANNUAL USERS' CONFERENCE

## PLAN NOW FOR THE MIRION EVENT OF THE YEAR

Looking to connect with nuclear industry professionals and learn about the latest technologies making an impact in your field? **Join us for Mirion Connect 2023 in National Harbor, Maryland!**

## WHAT TO EXPECT

Our annual users' conference promises open-forum discussions, informative presentations by industry leaders, and a first-hand look at the latest radiation detection, measurement and safety technologies. Plus, attendees enjoy the opportunity to enhance their skills with hands-on training and breakout sessions focused on a variety of applications.

## WHAT MAKES MIRION CONNECT SO SPECIAL

**You do!** We at Mirion are honored each year to share this conference with customers and colleagues who work tirelessly every day to make a difference in the vital industries they serve. Thank you for being a part of the Mirion family.

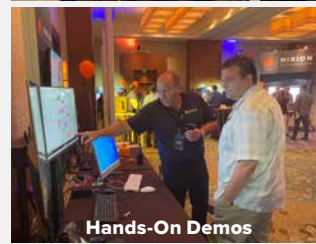
## WE HOPE TO SEE YOU IN MARYLAND!



**GAYLORD NATIONAL**, 201 Waterfront Street,  
National Harbor, MD 20745



General Session and Keynote Speakers



Hands-On Demos



Training and Breakout Sessions



Meet our Experts in the Demo Room

## THE VENUE

Located on the banks of the Potomac River just minutes from downtown Washington, DC, Gaylord National Resort offers flexible meeting space, on-site restaurants, entertainment, an award winning spa, and a lush indoor garden atrium and more. The Gaylord's 19 story glass atrium and stately Federal-style architecture celebrate the spirit and history of our nation's capital, providing the perfect backdrop for our event.

## SCHEDULE AT A GLANCE

**EARN CECS!**

	SUNDAY JULY 16	MONDAY JULY 17	TUESDAY JULY 18	WEDNESDAY JULY 19	THURSDAY JULY 20	FRIDAY JULY 21
AM				General Session		Demo Room
AM & PM	Golf Outing	Training Seminars		Breakout Sessions		
		Health Physics Information Management Special Track		Radiation Monitoring Systems Special Track		
		Security Technology Special Track				
EVENINGS			Demo Room		Group Dinner	
			Welcome Reception			

Learn more and register at [www.mirionconnect.com](http://www.mirionconnect.com)



## SUNDAY JULY 16, 2023

TIME	ACTIVITY	LOCATION
10:00am – 4:00pm	Golf Outing – <i>Players must be registered in advance to play. Lunch provided. Meet in lobby at 10:00am to board bus.</i>	TBA



## MONDAY JULY 17, 2023

TIME	SESSION	INSTRUCTOR
7:30 – 9:00am	<b>Registration</b>	
8:00 – 9:00am	<b>Breakfast</b>	
<b>HALF-DAY, ONE-DAY &amp; TWO-DAY TRAINING SEMINARS:</b>		
<b>HALF-DAY</b>		
9:00am – 12:00pm	AIM® Administrator Training from Introduction to Essentials	Chuck Crow
1:00 – 4:30pm	Cybersecurity Training from Introduction to Essentials	Brian Sewell
<b>ONE-DAY</b>		
9:00am – 4:30pm	How to Evaluate Nuclide Identification of Peaks in Your Gamma Spectrum	Cathey Sharp
	Radiological/Nuclear Practical Field Tactics and Tips for Emergency Response and Homeland Security with Exercise - <b>NEW!</b>	Jess Griffin
	Introduction to LabSOCS™ Calibration Software	Celeste Olive
	Fundamentals of Portable Survey Instrument Calibration - <b>NEW!</b>	Michael Ratliff
	DMC 3000™ Electronic Dosimeter Training (Hardware & Software)	Olivier Bleuse
	Contamination Monitoring Operations Basic	Mike Guerguis
	Practical QA/QC Considerations in Gamma Spectroscopy	Terry Schwager
<b>TWO-DAY</b>		
9:00am – 4:30pm	Apex-InVivo™ Refresher	Greg Landry
	Fundamentals of Gamma Spectroscopy	Mike Diaz
	Apex-Alpha/Beta™ Operations	John Cox
	Alpha Spectroscopy Fundamentals	Lee Reagan
	HPGe Detector Setup and Troubleshooting - <b>NEW!</b>	Jeff Wetzler
10:15 – 10:30am	<b>Break</b>	
12:00 – 1:00pm	<b>Lunch</b>	
2:30 – 2:45pm	<b>Break</b>	

**SPECIAL TRACKS** If you have registered for the following track, see your corresponding schedule as noted below.

**HIS-20 Track schedule: page 10**

# TUESDAY JULY 18, 2023

TIME	SESSION	INSTRUCTOR
7:30 – 9:00am	<b>Registration</b>	
8:00 – 9:00am	<b>Breakfast</b>	
<b>HALF-DAY, ONE-DAY &amp; TWO-DAY TRAINING SEMINARS:</b>		
<b>HALF-DAY</b>		
9:00am – 12:00pm	AIM Administrator Training for Advanced Understanding and Operation	Chuck Crow
1:00 – 4:30pm	Cybersecurity Training for Advanced Understanding and Operation	Brian Sewell
1:00 – 4:30pm	Feedthrough Installation and Replacement for Conax Nuclear Electric Penetration Assemblies	Steve Karnyski
<b>ONE-DAY</b>		
9:00am – 4:30pm	Introduction to ISOCS™ Software	Cathey Sharp
	Field Identification of Radiological Threats during Emergency Response Operations for First Responders and Homeland Security with Exercise - <b>NEW!</b>	Jess Griffin
	Getting the Most Accurate Model with the LabSOCS Beaker Editor — Advanced	Celeste Olive
	Fundamentals of Portable Survey Instrument Repair - <b>NEW!</b>	Victor Johnson
	Contamination Monitoring Operations — Advanced	Mike Guerguis
	iCAM™ Operations	Terry Schwager
<b>TWO-DAY</b>		
9:00am – 4:30pm	Apex In-Vivo Refresher	Greg Landry
	Fundamentals of Gamma Spectroscopy	Mike Diaz
	Apex-Alpha/Beta Operations	John Cox
	Alpha Spectroscopy Fundamentals	Lee Reagan
	HPGe Detector Setup and Troubleshooting - <b>NEW!</b>	Jeff Wetzler
10:15 – 10:30am	<b>Break</b>	
12:00 – 1:00pm	<b>Lunch</b>	
2:30 – 2:45pm	<b>Break</b>	
4:00 – 6:30pm	<b>Registration</b>	
5:30 – 6:30pm	<b>Demo Room Grand Opening</b>	
6:30pm	<b>Group Photo</b>	
6:30 – 9:30pm	<b>Welcome Reception</b>	

**SPECIAL TRACKS** If you have registered for the following track, see your corresponding schedule as noted below.

**HIS-20 Track schedule: page 10**

# WEDNESDAY JULY 19, 2023

TIME	SESSION	PRESENTERS
7:00 – 8:00am	<b>Registration</b>	
7:00 – 8:00am	<b>Breakfast</b>	
8:00 – 11:00am	<b>GENERAL SESSION</b>	
8:00 – 8:15am	Welcome to Mirion Connect	Loic Eloy – President Industrial Division Mirion Technologies
8:15 – 8:30am	Product Introduction	James Cocks – CPO Mirion Technologies
8:30 – 9:00am	Opening Remarks	Tom Logan – CEO Mirion Technologies
9:00 – 11:00am	General Session	TBA
11:00 – 11:30am	<b>Break</b>	
11:30am – 1:00pm	<b>BREAKOUT SESSIONS</b>	
	Why Do I Have a Kit of Probes for My Military Mission	David Stewart/Michael Ratliff
	DMC Accessories and Applications	Olivier Bleuse
	Safety-Related Equipment for Safe Operation and Reactor Shutdown	Mitch Staskiewicz/ Steve Karnyski/Tim Pelot
	Latest in Gamma Spectroscopy Hardware	Dieter Pauwels/Pete D'Agostino
1:00 – 2:00pm	<b>Lunch</b>	
2:00 – 3:30pm	<b>BREAKOUT SESSIONS</b>	
	Advancements in Handheld Health Physics	Frederic Meyer
	New and Innovative Applications for Mirion Gamma Spectroscopy and Neutron Detection Products	Patrick Chard
	Latest in Gamma Spectroscopy Genie™ 4.0 Software	Kara Phillips
3:30 – 4:00pm	<b>Break</b>	
4:00 – 5:30pm	<b>BREAKOUT SESSIONS</b>	
	Orion™ Real-Time Location System (RTLs)	Perry White/Wesley Berrien
	Alpha/Beta Counting and Alpha Spectroscopy Laboratory Updates	Lee Reagan
	Imaging Inspections – Now You See Me, Now You Don't	David Stewart
5:30 – 7:00pm	<b>Demo Room</b>	

**SPECIAL TRACKS** If you have registered for the following track, see your corresponding schedule as noted below.

**RMS Track schedule: page 8**

**Security Technology Track schedule: page 9**

# THURSDAY JULY 20, 2023

TIME	SESSION	PRESENTER
7:00 – 8:00am	<b>Registration</b>	
7:00 – 8:00am	<b>Breakfast</b>	
8:00 – 11:00am	<b>GENERAL SESSION</b>	
11:00 – 11:30am	<b>Break</b>	
11:30am – 1:00pm	<b>BREAKOUT SESSIONS</b>	
	Contamination and Clearance Monitors: Technologies, Innovations and Applications	Tobias Baer
	Measurements and Expertise Services and Advanced ISOCS™ Capabilities	Patrick Chard
	Radiological Telemetry Applications	Perry White
	PIPS® Detector Overview	Jytte Elseviers
1:00 – 2:00pm	Lunch	
2:00 – 3:30pm	<b>BREAKOUT SESSIONS</b>	
	DosiServe™ Workshop	Henri Michel
	Example of New Developments of Custom HPGe Detectors	Gabriela Ilie
	Applications of the Data Analyst™ System Using Either Triggered or Continuous Gamma Spectroscopy or Both	Frazier Bronson
	AVIOR®-2 Meter for Health Physics Applications	Frederic Meyer/Nasser Rashidifard
3:30 – 4:00pm	<b>Break</b>	
4:00 – 5:30pm	<b>BREAKOUT SESSIONS</b>	
	Overview of the Mirion Criticality System Existing and Potential Capabilities	Sasha Philips
	Work Smarter – Mirion Training, Professional Education, and Consulting	Nicole Guglietta
	Latest in In Vivo Products	Greg Landry
	Mirion Unmanned Detection Systems	Josh Handley/Pete D'Agostino
5:30 – 6:30pm	<b>Demo Room</b>	
7:00 – 10:00pm	<b>Group Dinner</b>	

**SPECIAL TRACKS** If you have registered for the following track, see your corresponding schedule as noted below.

**RMS Track schedule: page 8**

**Security Technology Track schedule: page 9**

# FRIDAY JULY 21, 2023

TIME	SESSION	PRESENTER
8:00 – 10:00am	<b>Continental Breakfast</b>	
8:00 – 10:00am	<b>Demo Room</b>	

## DEMO ROOM

All of Mirion's latest technologies and equipment will be available to evaluate and demonstrate in the demo room. Mirion's experts will be available to discuss applications, to demonstrate product use and function, and to discuss service and maintenance. This is a terrific opportunity to identify solutions and learn about Mirion's instruments from industry experts.

Please stop by the demo room **Tuesday** evening through **Friday** morning, and let us know how we can help you.





# RMS TRACK

Wednesday – Thursday July 19-20

# RMS

Radiation Monitoring Systems

**Our Radiation Monitoring Systems (RMS) attendees can look forward to another year of high-quality curated training sessions and presentations over two days at the conference.** The RMS Systems track will follow the morning plenary sessions each day Wednesday and Thursday. This track is open to potential as well as current RMS customers.

Join us and benefit from sessions that include product overviews, an interactive forum, customer presentations, and more! This is a great opportunity to collaborate with colleagues, and share challenges and successes with Mirion and your fellow users.

If you are interested in making a presentation during this special track, please contact Carl Prather at [cprather@mirion.com](mailto:cprather@mirion.com).

## TOPICS

- Current Mirion projects/events
- Customer presentations including:
  - RMS implementation project
  - NFMS test reactor implementation and lessons learned
- Spectrum Analysis in RMS Applications
- Introduction/NFMS projects/events
- RAMSYS Troubleshooting Software Tools
- Open discussion





# Security Technology Solutions

**The Security Technology Track with the recently formed Secure Integrated Solutions (SIS) team offers attendees training sessions extending over four days of our users' conference.** Participants have an opportunity to attend formalized training sessions, see new product enhancements live and on stage, network with colleagues, and meet new peers in the nuclear industry.

The conference also includes presentations, keynote speakers, and the opportunity for colleagues to collaborate and share challenges and successes with the Mirion team and fellow users.

## OPTIONAL TRAINING ON MONDAY

- AIM® Administrator Training from Introduction to Essentials (Morning Seminar)
  - Presenter: Chuck Crow
- Cybersecurity Training from Introduction to Essentials (Afternoon Seminar)
  - Presenter: Brian Sewell

## OPTIONAL TRAINING ON TUESDAY

- AIM® Administrator Training for Advanced Understanding and Operation (Morning Seminar)
  - Presenter: Chuck Crow
- Cybersecurity Training for Advanced Understanding and Operation (Afternoon Seminar)
  - Presenter: Brian Sewell

## WEDNESDAY

- Sandia National Labs - LWRS - SMRs
- What's New in AIM SCS - AIM Display, Iris Recognition, and more
- What's Next in AIM SCS - AIM SCS Roadmap, AIM SCS Baseline
- Cybersecurity - Patching & Pitfalls
- AIM Jeopardy - "Fun 'n Games"!

## THURSDAY

- Transition - The Customer Experience
- Understanding and Using the Configuration Baseline Analyzer
- Emerging Technology - A Trade Study on Analytics
- Camera Obsolescence - Technology Migration
- AIM SCS Advanced Troubleshooting Tips & Tricks
- Roundtable Discussion with the SIS Team and Customers



# HIS-20 TRACK

Monday and Tuesday July 17-18



Health Physics Information System 10CFR20+

**We will dedicate two full days of sessions related to HIS-20™ Health Physics Information Management Systems.** This track is open to current contract customers; there is no charge to participate. This is a great opportunity to collaborate with colleagues and share challenges and successes with the company and your fellow users. These sessions will be held on Monday and Tuesday which will allow you to participate in the conference later in the week.

Below is a summary of the topics we propose to cover at the 2023 conference. As more sign up, we may decide to add or drop a topic to tailor the conference to you, our audience! And as always, don't be afraid to volunteer to present any issue from your site that might be of interest to the HIS-20/WACS community.

## LET'S TALK MULTIBADGE!

Every few years we like to review the multibadge process. Last year we discussed some improvements. This year we'll walk through the legacy multibadge and also EDEX.

## VERSION 8.4 – LAST RELEASE ON CURRENT VERSION OF UNIFACE

This will be an overview of the changes made with Version 8.4.

## TECHNICAL PRESENTATION “CYBER” SECURE LOGONS

As security restrictions tighten, we need to make sure your IT requirements are being met. This will be an open discussion (we talked briefly about this last year and would like to continue the conversation).

## NEW! APPORTIONED DOSE FUNCTIONALITY

We have developed a method to apportion dose against different reactor units. We'll show what we've done and get your feedback on how it can be used at your site.

## NEWSLETTER REVIEW/HIGHLIGHTS

Did you know we send out a quarterly newsletter to every HIS-20/WACS contact email we have? Be sure you're on the list! We highlight the Mirion Connect meeting, development news, IT information, WACS and technical support. We'll highlight some of the past newsletters in this session.

## SPR VOTING

In this session we will discuss the results for the 2023 SPR voting. In addition, we will also update you on the progress of past voted SPRs.

## WACS UPDATES

See what's new in WACS!

## UNIFACE 10.4 – WHAT'S NEW FROM A TECHNICAL PERSPECTIVE

New licensing scheme, support for new platforms, and where we are to date.

## HIS-20/WACS ROADMAP UPDATE

Last year we looked at where we want to go in the future. This year we'll review and update the roadmap with your input.

## MEET WITH THE EXPERTS

During these time frames the HIS-20 team will be available to talk one-on-one with anyone who has questions, ideas, or other comments.

## ROUNDTABLE – TBA

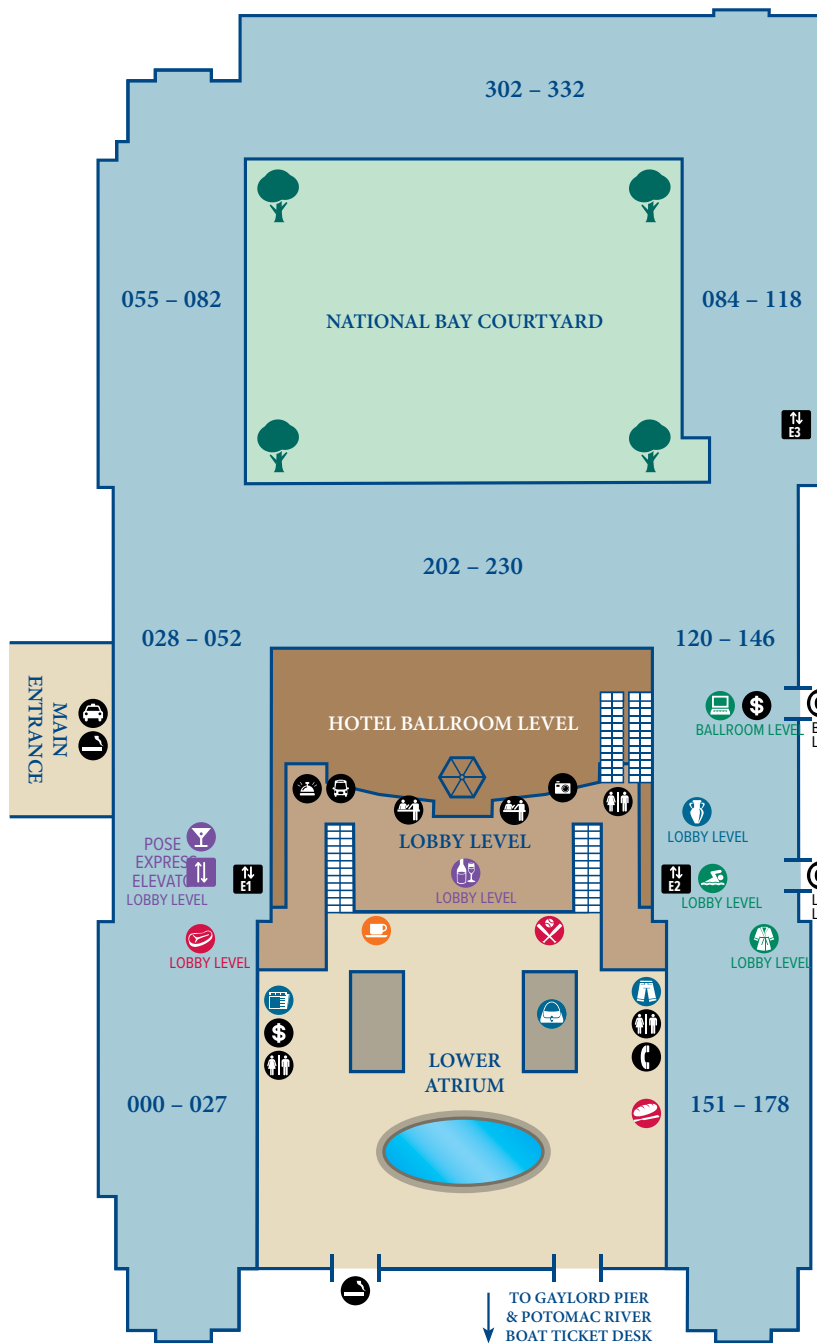
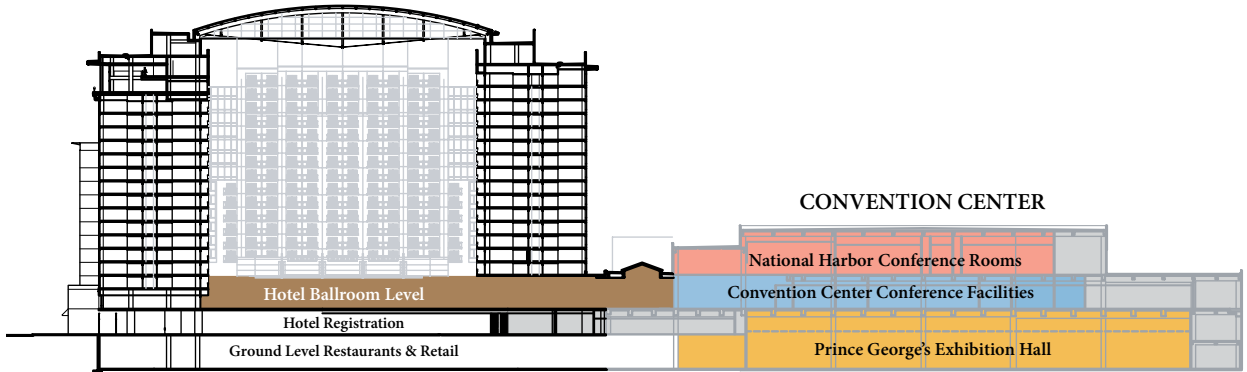
Send us your ideas or questions on items you wish to discuss with your peers! Please send your ideas, thoughts, concerns, etc. to Paula Holstein ([pholstein@mirion.com](mailto:pholstein@mirion.com)) and/or Joanne DeTurk ([jdeturk@mirion.com](mailto:jdeturk@mirion.com)).

## TRAINING – USER'S CHOICE

*Let us know what areas of the product you would like more training in!*



# CONVENTION CENTER MAP



★ DINING ★

- Old Hickory Steakhouse & Lounge (Lobby Level)
- National Pastime Bar & Grill (Lower Atrium)
- Pienza Restaurant (Lower Atrium)
- Java Coast Fine Coffees (Lower Atrium)

★ BARS / LOUNGES ★

- Belvedere Lobby Bar (Lobby Level)
- POSE Ultra Lounge (Roof Top)

★ RETAIL ★

- Paisleys: Accessories & More (Lower Atrium)
- Amelia's Boutique (Lower Atrium)
- Strictly First Glass (Lobby Level)
- Key Provisions: News + Sundries + Gifts (Lower Atrium)

★ RECREATION ★

- Business Center (Ballroom Level)
- Relâche™ Spa & Salon (Lobby Level)
- Elevators to the Fitness Center, Pool & Bar, Potomac Playzone & Handicap Access to Pier (Take E2 elevator to level P1)

LEGEND

Elevators	Concierge
Restrooms	Tours
ATM	Bus Pickup
Phones	Taxi Pickup
Bell Services	Shuttle Desk
Convention Center	Smoking



*We look forward to seeing  
you in Maryland!*



[mirionconnect.com](https://mirionconnect.com)