MIRION Connect 24

Annual Users' Conference

July 29 - August 2 | Omni Dallas Hotel, Dallas, TX

ENGAGE.
EXPLORE.
EMPOWER.

Connecting Visionaries in Radiation Safety,
Science and Industry

MIRION TECHNOLOGIES

JOIN US FOR MIRION CONNECT
OUR ANNUAL USERS' CONFERENCE

JULY 29TH – AUGUST 2ND | OMNI DALLAS HOTEL, DALLAS, TX

MIRION TECHNOLOGIES

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 2024 in Dallas, Texas!**

WHAT TO EXPECT

Our annual users' conference promises open-forum discussions, informative presentations by industry leaders, and a firsthand 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.

THE VENUE

The Omini Dallas is the perfect destination to gather or get away near downtown restaurants, shops and the popular Dallas Arts District. The hotel features creative works by local artists and floor-to-ceiling windows with city views.

555 S LAMAR, DALLAS, TEXAS 75202

WE HOPE TO SEE YOU IN DALLAS!

SCHEDULE AT A GLANCE EARN CECS!

	MONDAY JULY 29	TUESDAY JULY 30	WEDNESDAY JULY 31	THURSDAY AUGUST 1	FRIDAY AUGUST 2
AM			General Session		Demo Room
AM & PM	Training Seminars		Breakout Sessions		
	Health Physics Information Management Special Track		Radiation Monitoring Systems Special Track		
	Security Technology Special Track				
			Demo Room		
EVENINGS		Demo Room		Group Dinner	
		Welcome Reception			

Learn More: mirionconnect.com

MONDAY JULY 29

TIME	SESSION	INSTRUCTOR
7:30 – 9:00am	**Registration**	
8:00 – 9:00am	**Breakfast**	
	ONE-DAY & TWO-DAY TRAINING SEMINARS:	
ONE-DAY		
9:00am – 4:30pm	How to Evaluate Nuclide Identification of Peaks in Your Gamma Spectrum	Cathey Sharp
	Radiological/Nuclear Practical Field Tactics & Tips for Emergency Response and Homeland Security with Exercise ***- NEW!***	Jess Griffin
	Introduction to LabSOCS™ Calibration Software	Celeste Olive
	Fundamentals of Portable Survey Instrument Calibration ***- NEW!***	Michael Ratliff
	DMC 3000™ Electronic Dosimeter Training (Hardware & Software)	Olivier Bleuse
	Contamination Monitoring Operations – Basic	Jeff duPont
	Practical QA/QC Considerations in Gamma Spectroscopy	Terry Schwager
	MDA from the Ground Up ***- NEW!***	Emerson Dang
	AIM® SCS System & Application Training ***- NEW!***	Daniel Allen & Larry Jankiewicz
TWO-DAY		
9:00am – 4:30pm	Python® Scripting Integration with Genie™ 4.0 ***- NEW!***	Greg Landry
	Fundamentals of Gamma Spectroscopy	Mike Diaz
	Apex-Alpha/Beta™ Operations	John Cox
	Alpha Spectroscopy Fundamentals	Lee Reagan
	HPGe Detector Setup and Troubleshooting	Jeff Wetzler & Tim Royals
	HIS-20 Track	HIS-20 Team
10:15 – 10:30am	**Break**	
12:00 – 1:00pm	**Lunch**	
2:30 – 2:45pm	**Break**	

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 30

TIME	SESSION	INSTRUCTOR
7:30 – 9:00am	**Registration**	
8:00 – 9:00am	**Breakfast**	
	ONE-DAY & TWO-DAY TRAINING SEMINARS:	
ONE-DAY		
9:00am – 4:30pm	Advanced ISOCS™ Geometry Considerations ***- NEW!***	Cathey Sharp
	Field Identification of Radiological Threats During Emergency Response Operations for First Responders and Homeland Security with Exercise ***- NEW!***	Jess Griffin
	Getting the Most Accurate Model with the LabSOCS™ Beaker Editor – Advanced	Celeste Olive
	Contamination Monitoring Operations – Advanced	Jeff duPont
	iCAM™ Operations	Terry Schwager
	ISOCS™ Uncertainty Editor ***- NEW!***	Emerson Dang
	AIM® SCS – Designing a Robust C2 System ***- NEW!***	Paul Attaway
TWO-DAY		
9:00am – 4:30pm	Python® Scripting Integration with Genie™ 4.0 ***- NEW!***	Greg Landry
	Fundamentals of Gamma Spectroscopy	Mike Diaz
	Apex-Alpha/Beta™ Operations	John Cox
	Alpha Spectroscopy Fundamentals	Lee Reagan
	HPGe Detector Setup and Troubleshooting	Jeff Wetzler & Tim Royals
	HIS-20 Track	HIS-20 Team
10:15 –10:30am	**Break**	
12:00 – 1:00pm	**Lunch**	
2:30 – 2:45pm	**Break**	
4:00 – 6:30pm	**Registration**	
5:30 – 8:00pm	**Demo Room Grand Opening/Welcome Reception**	

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 31

TIME	SESSION	PRESENTERS
7:30 – 8:30am	**Registration**	
7:30 – 8:30am	**Breakfast**	
8:30 – 11:30am	**GENERAL SESSION**	
8:30 – 11:30am	General Session: Theme - Vital Protection	*more details to follow
10:00 – 10:30am	**Break**	
11:30am – 12:30pm	**BREAKOUT SESSIONS**	
	Radiation Impacts on Imaging - Tradeoffs and Decisions	David Stewart & Khalil Divan
	Electronic Dosimetry: New Products and Capabilities to Optimize Site Operations	Olivier Bleuse & Perry White
	Gamma Spectroscopy Track: The Latest in Software and MCAs	Kara Phillips & Peter D'Agostino
	X-Ray Probes for Defense and Security - The "How and Why"	David Stewart, Julien Spruytte & Keith Spero
	Radiation Monitoring Systems (RMS) Track	RMS Team
	Security Integrated Solution (SIS) Track	SIS Team
12:30 – 1:30pm	**Lunch**	
1:30 – 2:30pm	**BREAKOUT SESSIONS**	
	New Alpha/Beta 100 cm² Smart Probe	Frederic Meyer
	Innovative Technologies for D&D	Patrick Chard
	The iPA™ II Preamplifier: More Than Just a Preamplifier	Dieter Pauwels
	CBRN Hot Zone: Breaking Rad	David Stewart, Julien Spruytte & Keith Spero
	Radiation Monitoring Systems (RMS) Track	RMS Team
	Security Technology Track	SIS Team
2:30 – 4:00pm	**Break (Demo Room Open)**	
4:00 – 5:00pm	**BREAKOUT SESSIONS**	
	Learn About the Orion Real-Time Location System — a Seamless Experience for Bringing Location and Radiation Measurement Data Together	Olivier Bleuse, Henri Michel & Nasser Rashidifard
	Alpha/Beta Counting and Alpha Spectroscopy Laboratory Updates	Lee Reagan
	Why Physics Matters in Infrared Imaging	David Stewart & Khalil Divan
	OpenEMS™ Open Forum	Joanne DeTurk
	Radiation Monitoring Systems (RMS) Track	RMS Team
	Security Technology Track	SIS Team

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 AUGUST 1

TIME	SESSION	PRESENTERS
7:30am	**Registration**	
7:30 – 8:30am	**Breakfast**	
8:30 – 11:30am	**GENERAL SESSION**	
8:30 – 11:30am	General Session: Theme - Transformative Potential	
9:45 – 10:15am	**Break**	
11:30am – 12:30pm	**BREAKOUT SESSIONS**	
	Contamination Monitors: Innovations & Applications	Tobias Baer
	Exploring the Art of Non-Destructive Assay: Unveiling the Power of Measurement Services in Assay Work	Sean Stanfield
	Telemetry Applications: Solutions to Enable Live Data Collection Wirelessly from Your Dosimetry Instrumentation	Olivier Bleuse & Perry White
	Radiation Monitoring Systems (RMS) Track	RMS Team
	Security Technology Track	SIS Team
12:30 – 1:30pm	**Lunch**	
1:30 – 2:30pm	**BREAKOUT SESSIONS**	
	Dose Management and Access Control Solutions	Olivier Bleuse & Henri Michel
	Exploring the Latest Advancements in Custom HPGe Detectors	Gabriela Ilie
	Data Analyst™ Workshop and Live Demo	Frazier Bronson
	Introduction to the RDS-32™ Meter and its New Capabilities Following User's Feedback	Frederic Meyer
	To Our First Responders: Are You Getting Your Share of Grant Funds?	Keith Spero, Carol McGowen & Mike Morehouse
	Radiation Monitoring Systems (RMS) Track	RMS Team
	Security Technology Track	SIS Team
2:30 – 4:00pm	**Break (Demo Room Open)**	
4:00 – 5:00pm	**BREAKOUT SESSIONS**	
	Mirion Services: Your Product-to-Solution Partner!	Nicole Guglietta & Kara Phillips
	Introduction of Automated Counting Features and New Scripting Capabilities for In-Vivo Applications	Greg Landry
	Mirion Unmanned Detection Systems	Peter D'Agostino
	Radiation Monitoring Systems (RMS) Track	RMS Team
	Security Technology Track	SIS Team
6:30pm	**Group Photo**	
6:45 – 9:30pm	**Group Dinner**	

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

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FRIDAY AUGUST 2

TIME	SESSION
8:00 – 10:00am	**Continental Breakfast**
8:00 – 10:00am	**Demo Room**

DEMO ROOM

Our latest technologies and equipment will be available to evaluate and demonstrate in the demo room. Mirion 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 more 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 July 31 – Thursday August 1

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.

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 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:

MONDAY, JULY 29

- ✓ AIM® ASCS System and Application Training ***- NEW!***
  - Presenter: Daniel Allen & Larry Jankiewicz

TUESDAY, JULY 30

- ✓ AIM® SCS – Designing a Robust C2 System ***- NEW!***
  - Presenter: Paul Attaway

WEDNESDAY, JULY 31

- ✓ Welcome and Opening Remarks, Customer Introductions
- ✓ Customer Guest Speaker
- ✓ AIM Applications (Operational & Admin)
- ✓ Application/System/Cyber (Alarm, Video, Cyber, System Configuration)
- ✓ AIM Deployments and Operational Achievements
- ✓ Customer Panel, Lessons Learned

THURSDAY, AUGUST 1

- ✓ Life Cycle Management
- ✓ Top 10 Service Items - staying ahead of system issues
- ✓ Cybersecurity audits, what to check for, audit Q&A, compliance areas
- ✓ Customer AIM SCS Roadmap Workshop
- ✓ AIM Advanced Troubleshooting Tips & Tricks
- ✓ AIM Jeopardy
- ✓ Wrap Up

HIS-20 TRACK

Monday July 29 – Tuesday July 30

HIS-20
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 2024 conference. As more of you 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.

✓ DEBUGGING EVENTSCHEDULER JOBS THROUGH XLNT

XLNT is an extended language for Windows operating systems which provides script support. We use XLNT scripts to run batch jobs with the HIS-20 batch event scheduler. In this module, we will show you how to run XLNT when troubleshooting event scheduler jobs that hang or don't produce output.

✓ DOSE APPORTION REPORT

The Dose Apportion Reporting application is a separate tool to be used in conjunction with HIS-20 platform to divide and allocate Dose of Legal Record (DLR) between power plant units. This will be done using the same ratio that the estimated dose from access control records as they were allocated to the units by the Unit field on the RWPs. In this module we will do training on how to set up and run the Dose Apportion tool.

✓ TRAINING – USER'S CHOICE

We are anxiously awaiting your input on topics you would like to explore in more detail.

✓ QUESTION AND ANSWER – DO YOU USE?

We have a list of functions that we are curious if you are using or not. We will try to provide this information prior to the meeting so that you can work with your team to get answers.

✓ V8.4 HIGHLIGHTS

With Version 8.4 being released, we will review the highlights of what was added to the product.

- **ASCII Data File to Create**
  In Version 8.3, several fields and sort criteria were added to the Data Transfer file. We will teach you to use the new selection criteria and include estimated dose in your report.
- **Previous Exposure Form**
  The previous exposure form is now a grid form. In this training session, we will teach you how to use the new Previous Exposure Form.

✓ INTERNAL DOSIMETRY BIOASSAYS AND INTERFACE TO WHOLE BODY COUNTERS

This training module will go through entering and assigning dose to Bioassay samples in the Internal Dosimetry module.

We are looking for suggestions and ideas on what data you would like the HIS-20 system to incorporate in an Interface to Whole-Body Counters.

✓ 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.

✓ SPR VOTING

In this session we will discuss the results for the 2024 SPR voting. In addition, we will also update you on the progress of past voted SPRs.

✓ LOOKING FORWARD – VERSION 9.0

This year we will highlight Version 9.0 and the changes involved in getting this version to be released.

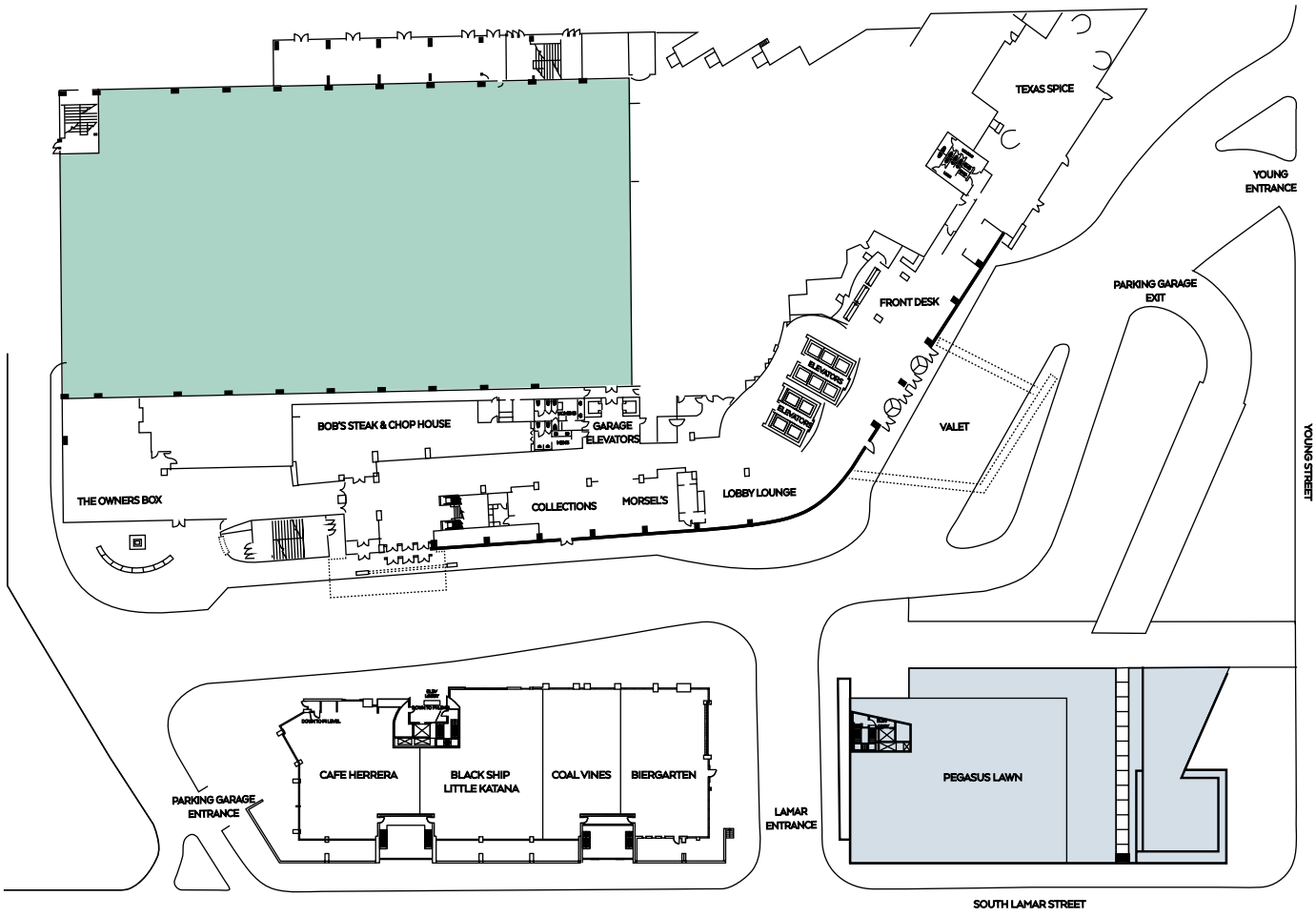
✓ AIR SAMPLES, SURVEY, INTERNAL DOSE FROM AIR SAMPLES

In this session, we will discuss the various methods of entering an Air Sample in HIS-20 software and see if there is a way to consolidate these into a common interface.

✓ REDESIGNING THE BRIEFINGS FUNCTIONALITY

We will revisit many of the notes we have taken over the last couple of years to improve RWP briefings. Our plan is to have some set prototypes that we can work from for going forward.

MEETING SPACE MAP



LEVEL THREE

We look forward to seeing you in Dallas!

MIRION TECHNOLOGIES

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