



**MIRION**  
Connect **18**  
Annual Users' Conference

# Meeting Agenda

August 6 – 10, 2018  
Bonita Springs, Florida



**MIRION**<sup>®</sup>  
TECHNOLOGIES



## Dear Attendee

**Thank you for joining us for what we believe will be an informative, interactive and enjoyable event. I would like to point out some highlights of our schedule to make sure you take full advantage of all we have to offer this year.**

Our office will be located in Bonita Bay. Registration will be held at Bonita Bay Registration Desk. Registration hours are:

- Monday – 7:30 am to 9:00 am and 4:30 pm to 6:00 pm
- Tuesday – 7:30 am to 9:00 am and 5:00 pm to 7:00 pm

We would like to invite you and your guests to participate in two very exciting social functions. Be sure to join us for our Summer Nights Themed Welcome Reception on Tuesday evening from 7:30 pm to 9:30 pm Poolside. Our Thursday night dinner will be at the Royal Palm Courtyard with a Coastal Clam Bake theme. We will have a group photo taken just before the dinner on Thursday so please arrive at 6:30 pm.

Guests of each registered User Conference participant may attend the two social functions free of charge. All other scheduled meals and sessions are considered business events and are limited to participants only. All guests who are attending the social functions must be registered in advance and must have a ticket for each event to gain admittance. Walk-ins cannot be accommodated. If your guest information has changed since you registered online, please contact me by e-mail at [tpattison@mirion.com](mailto:tpattison@mirion.com) or come see me in the office.

Our demo room will be open Wednesday through Friday to give you an opportunity to learn about our innovative solutions and services and to interact with our product and services specialists.

This year many of our breakout sessions have been awarded Continuing Education Credits from the American Academy of Health Physics (AAHP). There will be sign in sheets in each breakout session. Once you complete the session you will receive an electronic certificate for your records via e-mail.

Electronic meeting evaluations will be e-mailed on Friday when our meeting concludes. Please be sure to fill this out online as quickly as possible because the information you provide is very important to us in our planning for future meetings. First two people to complete the survey will be entered into a raffle for a Visa gift card!

***I hope you enjoy this year's meeting and all that Bonita Springs has to offer!***

Sincerely,





*Tammy Pattison, CMP, CTSM Gold Level, LSS Orange Belt  
Manager, Global Trade Shows & Events*



# General Meeting Schedule:

## ► Sunday, August 5, 2018

Time	Session		Course
8:00 – 3:00pm	<b>Golf Outing</b> - Must be registered in advance to play. Lunch provided after the round is finished. Meet bus in lobby at 8:00am.	Jim Kost & Mike Englesman	
			

## ► Monday, August 6, 2018

Time	Session	Instructor/ Moderator	Room
7:30 – 9:00am	Registration		Bonita Bay
8:00 – 9:00am	<b>Continental Breakfast</b>		Estero Ballroom
9:00 – 4:30pm	<b>Training Seminars</b>		
	Introductions to ISOCS™ – One Day	Carl Nettleton	Pine B
	Basic Contamination Monitors-Canberra™ Legacy – One Day	Michael Guerguis	Calusa Ballroom E – H
	DMC 3000™ Electronic Dosimeter Training (Hardware & Software) – One Day	Jean-Louis Masseau	Calusa Ballroom C
	Practical QA/QC Considerations in Gamma Spectroscopy – One Day	Tim Royals	Pine A
	Fundamentals of Gamma Spectroscopy – Two Days	Mike Diaz	Pine C
	Apex-Gamma™ Operations – Two Days	Frank Liptak	Blue Heron A
	Genie™ 2000 Gamma Analysis Foundations & Optimization – Two Days	Cathey Sharp	Blue Heron B
	Apex-Alpha/Beta™ Operations – Two Days	Lee Reagan	Blue Heron C
	Apex-InVivo™ – Two Days	Craig Hill	Sanibel B
10:15 – 10:30am	<b>Break</b>		Calusa Prefunction
12:00 – 1:00pm	<b>Lunch</b>		Estero Ballroom
2:30 – 2:45pm	<b>Break</b>		Calusa Prefunction
4:30 – 6:00pm	Registration		Bonita Bay

**Please note:** If you have registered for the following track, see your corresponding schedule as noted below.

**HIS-20 Track schedule: page 8**

**Sentinel Track schedule: page 9**

# Tuesday, August 7, 2018

Time	Session	Instructor/ Moderator	Room
7:30 – 9:00am	Registration		Bonita Bay
8:00 – 9:00am	<b>Continental Breakfast</b>		Estero Ballroom
9:00 – 4:30pm	<b>Training Seminars</b>		
	Introductions to LabSOCS™ – One Day	<i>Carl Nettleton</i>	Pine B
	Advanced Contamination Monitors-Canberra Legacy – One Day	<i>Michael Guerguis</i>	Great Egret A
	Validation of Gamma Spectroscopy Results – One Day	<i>Doug Van Cleef</i>	Calusa Ballroom A
	Radiation Safety Awareness Training – One Day	<i>Andrew Karam</i>	Calusa Ballroom B
	iCAM™ Operational Training – One Day	<i>Tim Royals</i>	Pine A
	Fundamentals of Gamma Spectroscopy – Two Days	<i>Mike Diaz</i>	Pine C
	Apex-Gamma Operations – Two Days	<i>Frank Liptak</i>	Blue Heron A
	Genie 2000 Gamma Analysis Foundations & Optimization – Two Days	<i>Cathey Sharp</i>	Blue Heron B
	Apex-Alpha/Beta Operations – Two Days	<i>Lee Reagan</i>	Blue Heron C
	Apex-InVivo – Two Days	<i>Craig Hill</i>	Sanibel B
10:15 – 10:30am	<b>Break</b>		Calusa Prefunction
12:00 – 1:00pm	<b>Lunch</b>		Estero Ballroom
1:00 – 4:30pm	Wireless Telemetry Applications	<i>Kip Kelley, Perry White, Jason Stevenson, Dan Ipoletta</i>	Ibis
2:30 – 2:45pm	<b>Break</b>		Calusa Prefunction
5:00 – 7:00pm	Registration		Bonita Bay
7:30 – 9:30pm	<b>Welcome Reception</b>		Poolside
	 		

**Please note:** If you have registered for the following track, see your corresponding schedule as noted below.

**HIS-20 Track schedule: page 8**

**Sentinel Track schedule: page 9**



# Wednesday, August 8, 2018

Time	Session	Instructor/ Moderator	Room
7:00 – 8:00am	Office/Registration		Bonita Bay
7:00 – 8:00am	<b>Breakfast</b>		Calusa Ballroom A – C
<b>General Session</b>			
8:00 – 8:05am	Welcome	Mike Freed – COO Mirion Technologies	Estero Ballroom
8:05 – 8:30am	Opening Remarks	Tom Logan – CEO Mirion Technologies	
8:30 – 9:30am	Keynote Speaker – Strange Glow: The Story of Radiation	Timothy J. Jorgensen – Professor Georgetown University	
9:30 – 10:00am	Announcing the Worldwide Launch of Aegis™ – Mirion's HPGe-based Portable Spectrometer!	Luc De Baerdemaeker – Mirion Technologies	
10:00 – 10:30am	Radiological Detection Operations at the Indianapolis Motor Speedway for the 102 <sup>nd</sup> running of the Indy 500	Sgt. Robert M. Brown Jr. – Indianapolis Metro Police Department Bomb Squad	
10:30 – 11:00am	<b>Break</b>		Calusa Prefunction
<b>Breakout Sessions</b>			
11:00 – 12:30pm	DosiServ™ Workshop Part 1	Henri Michel	Great Egret A
	Modular Dosimetry: Making your DMC 3000 work for any job	Jean-Louis Masseur	Blue Heron A – B
	HPD Nuclear Industry Forum	Jim Kost	Estero Ballroom
	iPIX™ Features and Operation	Brian Agnew	Pine A – B
	Latest in Gamma Spectroscopy Laboratory Software	Kara Phillips	Great Egret B – C
	Radiation Instrumentation and Emergency Response Workshop	Andrew Karam, Keith Spero & Pete D'Agostino	Captiva A – B
12:30 – 1:30pm	<b>Lunch</b>		Calusa Ballroom A – C
<b>Breakout Sessions</b>			
1:30 – 3:00pm	Unmanned Vehicle Applications and Requirements	Kip Kelley & Perry White	Pine A – B
	DosiServ Workshop Part 2	Henri Michel	Great Egret A
	Primer Spectroscopy Fundamentals	Doug Van Cleef	Great Egret B – C
	Radiation Instrumentation and Emergency Response Workshop – <i>continued</i>	Andrew Karam, Keith Spero & Pete D'Agostino	Captiva A – B
	SQL Query Writing	HIS-20 Team	Blue Heron A
3:00 – 3:30pm	<b>Break</b>		Calusa Prefunction
<b>Breakout Sessions</b>			
3:30 – 5:00pm	Radiation Detector Fundamentals: From GM to Germanium	Doug Van Cleef	Estero Ballroom
	DosiServ Workshop Part 3	Henri Michel	Great Egret A
	Spectroscopy Unleashed! Unique Spectroscopic Solutions for Enhanced Measurement Capabilities	Kara Phillips, Steve Laskos & Josh Handley	Sanibel A – B
	Unmanned Vehicle Surveys and Planning	Kip Kelley & Perry White	Pine A – B
	Apex-Alpha/Beta Laboratory Integration and Introduction of the Series 6LB	Lee Reagan	Pine C
	Radiation Instrumentation and Emergency Response Workshop – <i>continued</i>	Andrew Karam, Keith Spero & Pete D'Agostino	Captiva A – B
	SQL Query Writing – <i>continued</i>	HIS-20 Team	Blue Heron A
5:00 – 7:00pm	<b>Demo Room</b>		Calusa Ballroom E – H

**Please note:** If you have registered for the following track, see your corresponding schedule as noted below.

**RMS Track schedule: page 10**

# Thursday, August 9, 2018

Time	Session	Instructor/ Moderator	Room
7:00 – 8:00am	Office/Registration		Bonita Bay
7:00 – 8:00am	<b>Breakfast</b>		Calusa Ballroom A – C
<b>General Session</b>			
8:00 – 9:00am	Keynote Speaker – Academia Supporting the US Department of Energy's Environmental Restoration Mission	<i>Dr. Leonel Lagos – Florida International University</i>	Estero Ballroom
9:00 – 9:30am	The U.S. Nuclear Industry: Current Situation and Strategy for the Future	<i>Ellen Anderson – Nuclear Energy Institute (NEI)</i>	
9:30 – 10:00am	The Mobile Plutonium Facility Radiological Monitoring System	<i>Russell Abbott – Savannah River (SRNS)</i>	
10:00 – 10:30am	<b>Break</b>		Calusa Prefunction
<b>Breakout Sessions</b>			
10:30 – 12:00pm	Solutions for Improving Measurement Accuracy and Reducing Uncertainties	<i>Sean Stanfield</i>	Blue Heron A – B
	Electronic Dosimetry System Forum	<i>Henri Michel</i>	Captiva A – B
	RDS-31™ Applications and Options	<i>Perry White</i>	Pine A – B
	Service Part 1 (SmartShield & IOT)	<i>Doug Van Cleef</i>	Great Egret B – C
12:00 – 1:00pm	<b>Lunch</b>		Calusa Ballroom A – C
<b>Breakout Sessions</b>			
1:00 – 2:30pm	Use of Contamination and Clearance Monitors	<i>Michael Guerguis &amp; Ron Dietz</i>	Calusa Ballroom E – H
	Solutions for Challenging Radioactive Waste and In-Situ Measurements	<i>Frazier Bronson</i>	Blue Heron A – B
	SIM-Teq™ Simulator/Training Devices	<i>Jason Stevenson</i>	Pine A – B
	Service Part 2 (Service Offerings & Training)	<i>Doug Van Cleef</i>	Great Egret B – C
2:30 – 3:00pm	<b>Break</b>		Calusa Prefunction
3:00 – 4:30pm	The Release of Aegis & Other Advances in HPGe Detector Technology	<i>Dieter Pauwels</i>	Estero Ballroom
	Imaging Solutions: Digital Radiography, Computed Tomography, and Inspection & Surveillance Cameras	<i>Frank Witzel &amp; Steve Halliwell (VJ Technologies)</i>	Blue Heron A – B
	Gamma Imaging in Health Physics	<i>Josh Handley</i>	Captiva A – B
	Attaining the Pinnacle of Performance – Realizing the Extraordinary Benefits of Support Agreements	<i>Doug Van Cleef</i>	Great Egret B – C
4:30 – 6:00pm	<b>Demo Room</b>		Calusa Ballroom E – H
6:30 – 7:00pm	Goup Photo		Royal Palm Courtyard Steps
7:00 – 10:00pm	<b>Dinner - Coastal Clam Bake</b> 		Royal Palm Courtyard

**Please note:** If you have registered for the following track, see your corresponding schedule as noted below.

**RMS Track schedule: page 10**

Friday, August 10, 2018

Time	Session	Instructor/ Moderator	Room
8:00 – 10:00am	<b>Continental Breakfast</b>		Calusa Ballroom E – H
8:00 – 10:00am	<b>Demo Room</b>		Calusa Ballroom E – H

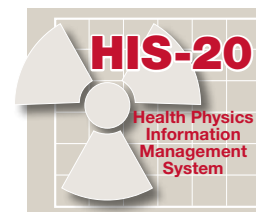
## Stop by and visit our **Demo Room**

Open Wednesday through Friday



# Meeting Schedule:

# HIS-20 Track



## Monday, August 6, 2018

Time	Session	Instructor/ Moderator	Room
7:30 – 9:00am	Registration		Bonita Bay
8:00 – 9:00am	<b>Breakfast</b>		Calusa Ballroom A – C
9:00 – 9:15am	Welcome and Introductions	<i>Jo Roberson</i>	Great Egret B – C
9:15 – 10:15am	Introduction to “Favorites” and Dashboard queries Part I	<i>Jo Roberson</i>	
10:15 – 10:30am	<b>Break</b>		Calusa Prefunction
10:30 – 11:00am	Warp up “Favorites” and Dashboard queries Part I	<i>Jo Roberson</i>	Great Egret B – C
11:00 – 12:00pm	I.T. Customers! Installing HIS-20: How it works now / How you want it to work	<i>Jo Roberson</i>	
12:00 – 1:00pm	<b>Lunch</b>		Calusa Ballroom A – C
1:00 – 1:45pm	Review of Available Patches for HIS-20 and WACS	<i>Paula Holstein</i>	Great Egret B – C
1:45 – 2:30pm	Version 8.1 Update – Part I (major enhancements)	<i>Jo Roberson</i>	
2:30 – 2:45pm	<b>Break</b>		Calusa Prefunction
2:45 – 3:15pm	Version 8.1 Update – Part II (misc. enhancements)	<i>Jo Roberson</i>	Great Egret B – C
3:15 – 3:45pm	Roundtable Personnel Defaults Discussions	<i>Jo Roberson &amp; Paula Holstein</i>	
3:45 – 4:30pm	Meet with the Experts	<i>HIS-20 Team</i>	

## Tuesday, August 7, 2018

Time	Session	Instructor/ Moderator	Room
8:00 – 9:00am	<b>Breakfast</b>		Calusa Ballroom A – C
9:00 – 9:30am	LDM320 driver for WACS	<i>Sherri Pelletier</i>	Great Egret B – C
9:30 – 9:45am	Roundtable Dosimeter Calibration Data	<i>Sherri Pelletier</i>	
9:45 – 10:15am	Roundtable – Design for Bulk Copy RWP	<i>Paula Holstein</i>	
10:15 – 10:30am	<b>Break</b>		Calusa Prefunction
10:30 – 11:45am	Team – SPR Voting Results	<i>HIS-20 Team</i>	Great Egret B – C
11:45 – 12:00pm	NRC Form 4 Roundtable	<i>Paula Holstein</i>	
12:00 – 1:00pm	<b>Lunch</b>		Ocean Ballroom 1-2
1:00 – 2:00pm	Continuation of “Favorites” and Dashboard queries Part II	<i>Jo Roberson</i>	Great Egret B – C
2:00 – 2:30pm	Inventory auto-update maintenance Roundtable	<i>Jo Roberson &amp; Paula Holstein</i>	
2:30 – 2:45pm	<b>Break</b>		Calusa Prefunction
2:45 – 3:15pm	Version 8.1 Update – Part III (bug fixes)	<i>Jo Roberson</i>	Great Egret B – C
3:15 – 3:45pm	Review how you can “make” a report in HIS-20	<i>Paula Holstein</i>	
3:45 – 4:30pm	Event Scheduler Discussion	<i>HIS-20 Team</i>	
7:30 – 9:30pm	<b>Welcome Reception</b>		Poolside



# Meeting Schedule:

# Sentinel Track



## Monday, August 6, 2018

Time	Session	Instructor/ Moderator	Room
8:00 – 9:00am	<b>Breakfast</b>		Calusa Ballroom A – C
9:00 – 10:15am	<b>Introductory Topics:</b>		
	Welcome and introductions	<i>Eddie Selden</i>	Captiva A – B
	Year in review; looking ahead	<i>Group</i>	
	New version progress and release plan		
New development overview PADS alternative project/PADS configuration tool			
10:15 – 10:30am	<b>Break</b>		Calusa Prefunction
10:30 – 12:00pm	<b>Current Issues, New Tools:</b>		
	Using the new G3 configuration tool	<i>Dave Gann &amp; Andy King</i>	Captiva A – B
	Dose Dashboard/ALARA tool		
	PII data protection, data encryption, general data safety		
12:00 – 1:00pm	<b>Lunch</b>		Calusa Ballroom A – C
1:00 – 2:30pm	<b>Sentinel Training Sessions:</b>		
	New RWP version: group permits and approvals; report options; messaging functions; field label options	<i>Eddie Selden &amp; Robert Godfrey</i>	Captiva A – B
2:30 – 2:45pm	<b>Break</b>		Calusa Prefunction
2:45 – 4:30pm	<b>Sentinel Training Sessions:</b>		
	Managing PADS uploads with Sentinel's DLR functions	<i>Carl Beaujon</i>	Captiva A – B
	Rad Access Mgmt application: tools and tips	<i>Robert Godfrey</i>	

## Tuesday, August 7, 2018

8:00 – 9:00am	<b>Breakfast</b>		Calusa Ballroom A – C
9:00 – 10:15am	<b>Sentinel Training Sessions:</b>		
	Access control transactions using multipacks and EDs	<i>Eddie Selden</i>	Captiva A – B
	Using 'Search' tool to create custom Multipack Mgmt. reports	<i>Eddie Selden</i>	
10:15 – 10:30am	<b>Break</b>		Calusa Prefunction
10:30 – 12:00pm	<b>Sentinel Training Sessions:</b>		
	Dose Analyses: tools and tips	<i>Andy King</i>	Captiva A – B
	Using 'Search' tool to create custom Dose Analyses reports	<i>Andy King</i>	
12:00 – 1:00pm	<b>Lunch</b>		Calusa Ballroom A – C
1:00 - 2:30pm	<b>Functional Presentation:</b>		
	Sentinel Rebuild Project:	<i>Dave Gann &amp; Group</i>	Captiva A – B
	– Architecture and design overview		
	– Applications presentation		
– New version release plan			
2:30 – 2:45pm	<b>Break</b>		Calusa Prefunction
2:45 - 4:30pm	<b>Functional Presentation:</b>		
	Sentinel Rebuild Project:	<i>Dave Gann &amp; Group</i>	Captiva A – B
	– Previous continued		
– Development discussion and guidance			
7:30 – 9:30pm	<b>Welcome Reception</b>		Poolside

# Meeting Schedule:

# RMS Track

## Wednesday, August 8, 2018

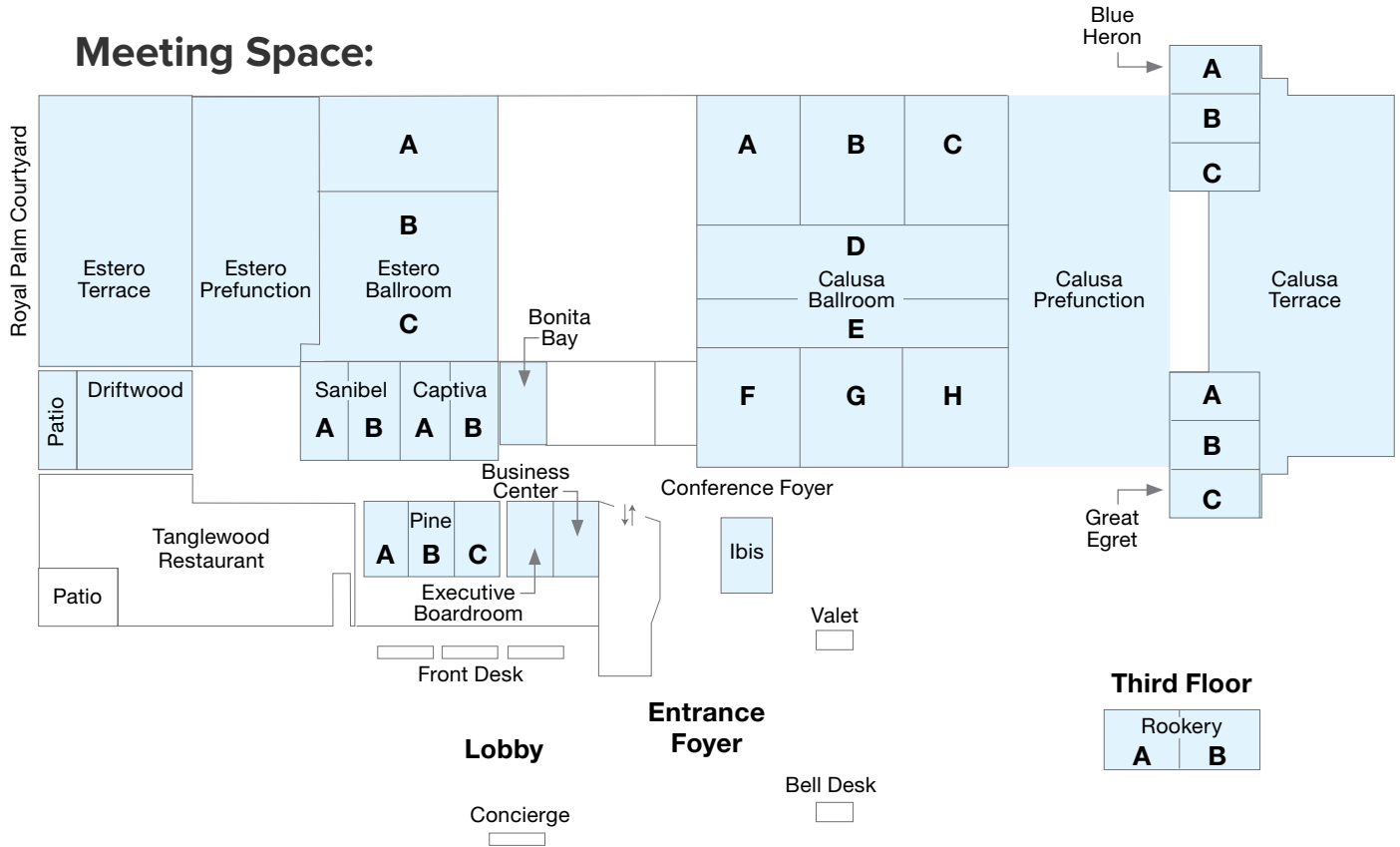
Time	Session	Instructor/ Moderator	Room
7:00 – 8:00am	<b>Breakfast</b>		Calusa Ballroom A – C
8:00 – 10:30am	<b>General Session</b> – See page 5 for details		Estero Ballroom
10:30 – 11:00am	<b>Break</b>		Calusa Prefunction
11:00 – 11:30pm	RMSD Introduction/Status	<i>Victor Camacho – Mirion Technologies</i>	Blue Heron C
11:30 – 11:45pm	Intro/NFMS projects/events	<i>Mirion Technologies</i>	
11:45 – 12:30pm	Harris RMS System Status	<i>Dan Haslauer – Duke Energy</i>	
12:30 – 1:30pm	<b>Lunch</b>		Calusa Ballroom A – C
1:30 – 2:00pm	Update on Progress at Robinson	<i>Clyde Thomas</i>	Blue Heron C
2:00 – 2:30pm	DC Cook	<i>Jeff Hudson</i>	
2:30 – 3:00pm	RMS System	<i>Customer Presentation</i>	
3:00 – 3:30pm	<b>Break</b>		Calusa Prefunction
3:30 – 4:45pm	RMS Interactive FORUM	<i>Mirion Technologies</i>	Blue Heron C
5:00 – 6:00pm	<b>Demo Room</b>		Calusa Ballroom E – H
6:15 – 8:45pm	RMSD Group Dinner		Local Restaurant

## Thursday, August 9, 2018

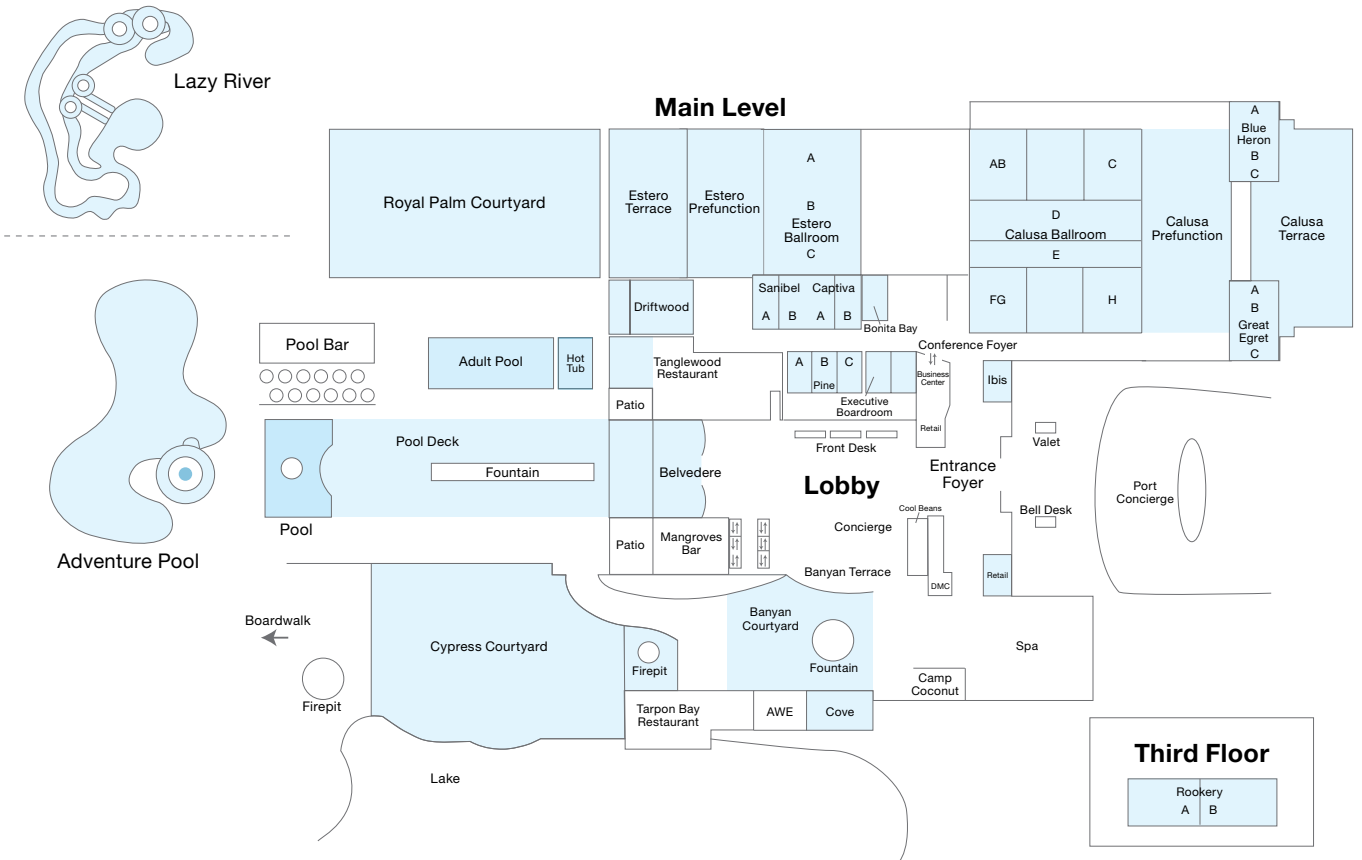
Time	Session	Instructor/ Moderator	Room
7:00 – 8:00am	<b>Breakfast</b>		Calusa Ballroom A – C
8:00 – 10:00am	<b>General Session</b> – See page 6 for details		Estero Ballroom
10:00 – 10:30am	<b>Break</b>		Calusa Prefunction
10:30 – 11:00am	Intro/NFMS projects/events	<i>Mirion Technologies</i>	Blue Heron C
11:00 – 12:00pm	Sandia ACRR Low Fluence using digital wide-range NFMS	<i>Ken Mudler</i>	
12:00 – 1:00pm	<b>Lunch</b>		Calusa Ballroom A – C
1:00 – 1:30pm	RMS System	<i>Customer Presentation</i>	Blue Heron C
1:30 – 2:00pm	RMS System	<i>Customer Presentation</i>	
2:00 – 2:30pm	RMS System	<i>Customer Presentation</i>	
2:30 – 3:00pm	<b>Break</b>		Calusa Prefunction
3:00 – 4:30pm	RMS Interactive FORUM	<i>Mirion Technologies</i>	Blue Heron C
4:30 – 6:00pm	<b>Demo Room</b>		Calusa Ballroom E – H
6:30 – 7:00pm	Group Photo		Royal Palm Courtyard Steps
7:00 – 10:00pm	<b>Dinner</b>		Royal Palm Courtyard

# Meeting Spaces – Property Overview

## Meeting Space:



## Property Overview:



## ➤ A special thank you to our partners for their active participation and contribution.

This year we welcome the following vendors with whom Mirion Technologies has partnered over the years to develop new concepts, techniques, equipment and services for the nuclear industry.



## ➤ These students from **FIU** will be in the demo room Wednesday evening from 5 – 7pm presenting on these interesting topics:

### Adriana Anda

*“Technetium Sulfide as a Potential Immobilization Form for Tc-99 in the Environment: Stability and Dissolutions Studies”*

### Abraham Gebru

*“Effect of ZVI Aging on Reductive Removal of Technetium”*

### Christopher Nataros

*“Use of Robotics and Sensors in Glovebox Operations for Nuclear Waste Cleanup”*

### Antony Arun Maria

*“Potential for Treatment of a Chromium Waste Stream with Zerovalent Iron”*

### Ripley Raubenolt

*“Investigating the Effect of Sorbed Humic Acid on the Mobility of Uranium”*

### Mackenson Telusma

*“WALL CRAWLER: Simulation and Prototyping of Mobile Robotic Units for Flat and Curved Surfaces”*

### Jason Soto

*“Surveillance and Mapping of Nuclear Facilities using LiDAR Technology”*





# Save the date

## July 29 – August 2, 2019

Hyatt Regency Tamaya  
Santa Ana Pueblo  
New Mexico



**MIRION**  
TECHNOLOGIES



[www.mirionconnect.com](http://www.mirionconnect.com)

# Thank you for attending

## 2017 User Training & Networking Conference

Fort Lauderdale, Florida - July 24-28, 2017



**... the response was fantastic!**

“ It was another great conference. I would give up all my other trips if I had to in order to attend the Users' Group Meeting. No other company that I know of gives their customers access to the wealth of knowledge in one meeting like Mirion does. Great job...and a sincere thank you.

“ These meeting are extremely valuable to me as a user – to meet the experts, engineers, product managers and ask questions, hear what's coming up, see what other people are doing in similar labs, etc.

“ Nice job with everything. A positive feel to the joining of the two companies by employees and customers.

“ The coordination, venue and the employee involvement with the customer for the event was great. Plenty of networking with our peers across the DOE complex and commercial side, face-to-face interaction with the employees and training sessions were all as expected and no less. Great conference.

“ Having your Service and Training personnel available to meet with customers and answer questions is very positive. DOE is a unique customer and customer service is very important to us. Knowing that there are people to support your products “after the sale”, with calibration/repair/training is critical to our decision making process.



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