



# General **Information**

NUCLEAR MEASUREMENTS BUSINESS UNIT OF AREVA

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## » Dear Users' Group 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.**

Please come to our registration table in the Del Rio 1 room to pick up your name badge. Registration hours are:

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

Be sure to join us for our Welcome Reception on Tuesday evening from 7:30 to 9:30 pm. This reception will take place in Mission Plaza.

As always, we will be giving away exciting raffle prizes this year and you must be present to win! The first drawing will be held in our demo room on Wednesday evening and then we'll have another at the dinner on Thursday evening.

Don't miss our demo room where you can learn about our innovative solutions and services and speak directly to our product managers. The demo room will be open for a cocktail party on Wednesday evening after the breakout sessions. See the schedule for additional demo room hours.

Our group dinner on Thursday night is at the Glass Cactus at 6:30 pm. We will board the trolleys at 6:15 pm at the tour lobby entrance. The trolleys will run back and forth between the hotel and restaurant from 6:30 to 10:30 pm. If you will not be attending the dinner, please contact me. Otherwise, for planning purposes, I will assume you (and your family) will be joining us. Attire is casual.

Our demo room will be open on Friday from 8:00 to 10:30 am to give you a last opportunity to take a look at our products, software and services. After that, we have the following fun-filled and exciting events scheduled:

- Tour of Cowboys Stadium and Texas Rangers Stadium
- Golf outing at the Cowboys Golf Course

All of these activities have a person limit and will be first-come, first-served. For more information on these events, please come see me in our office located in Del Rio 1.

This year our evaluations will be done electronically. You will receive an email on Friday (the last day of our meeting). Please be sure to fill this out and return it as quickly as possible. When we receive your completed survey you will be entered into a raffle for a great electronic prize! The information you provide is very important to us in our planning for future meetings.

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

Sincerely,

**Tammy Pattison**

*Manager, Operational Marketing*



# » Meeting Schedule

July 11- 15, 2011

## > Monday, July 11, 2011

Time	Session	Instructor	Location
7:30 – 9:30 am	<b>Registration</b>		Del Rio 1
8:00 – 9:00 am	<b>Breakfast</b>		Appaloosa Foyer
9:00 – 4:30 pm	<b>Training Seminars</b>		
	Introduction to ISOCS™ & LabSOCS™ – One Day	<i>Dave Groff</i>	Appaloosa 1
	Choosing the Optimal Detector Technology for Your Alpha Beta Laboratory Applications – One Day	<i>Tim Royals</i>	Del Rio 2
	Customizing Apex-Gamma™ to Meet Your Laboratory Application Needs – One Day	<i>Charles Suhr</i>	Pecos 2
	Gamma Spectroscopy and Field Use of the InSpector™ 1000 – One Day	<i>Richard Machado</i>	Appaloosa 3
	Understanding & Optimizing Genie™ 2000 Nuclide Identification Analysis Algorithms – Two Days	<i>Cathey Sharp</i>	Appaloosa 4
	APEX®/Genie 2000 – Tips & Techniques – Two Days	<i>Bill Pyle</i>	Appaloosa 2
	Introduction to IMBA Professional – 1 ½ Days	<i>Greg Landry</i>	Del Rio 3
10:15 – 10:30 am	<b>Break</b>		Appaloosa Foyer
12:00 – 1:00 pm	<b>Lunch</b>		Longhorn Foyer
2:30 – 2:45 pm	<b>Break</b>		Appaloosa Foyer



**> Tuesday, July 12, 2011**

Time	Session	Instructor	Location
7:30 – 9:30 am	<b>Registration</b>		Del Rio 1
8:00 – 9:00 am	<b>Breakfast</b>		Appaloosa Foyer
9:00 – 4:30 pm	<b>Training Seminars</b>		
	ISOCS & LabSOCS Advanced Topics – One Day	<i>Dave Groff</i>	Appaloosa 1
	QA/QC Implementation In Real World Gamma Spectroscopy Systems – One Day	<i>Tim Royals</i>	Del Rio 2
	Optimizing Your Contamination Monitoring Program – One Day	<i>Shawn Googins</i>	Austin 4 - 6
	Gamma Spectroscopy Using the Portable, Electrically Cooled, Falcon 5000® Broad Energy Germanium Detector – One Day	<i>Richard Machado</i>	Appaloosa 3
	Understanding & Optimizing Genie 2000 Nuclide Identification Analysis Algorithms – Two Days	<i>Cathey Sharp</i>	Appaloosa 4
	APEX/Genie 2000 – Tips & Techniques – Two Days	<i>Bill Pyle</i>	Appaloosa 2
9:00 – 12:00	Introduction to IMBA Professional – 1 ½ Days	<i>Greg Landry</i>	Del Rio 3
10:15 – 10:30 am	<b>Break</b>		Appaloosa Foyer
12:00 – 1:00 pm	<b>Lunch</b>		Zeppole
1:00 – 4:30	Workshop – Radiation Monitoring Systems (RMS) Maintenance and Operations Solutions	<i>Tim Martinson</i>	Mustang 5
1:00 – 4:30	Workshop – How To Plan & Prepare for a Successful Transition from Abacos 2000/ PLUS to Apex-InVivo™	<i>Steve Laskos &amp; Greg Landry</i>	Del Rio 3
2:30 – 2:45 pm	<b>Break</b>		Appaloosa Foyer
4:30 – 6:00 pm	<b>Registration</b>		Del Rio 1
7:30 – 9:30 pm	<b>Welcome Reception</b>		Mission Plaza

**> Wednesday, July 13, 2011**

Time	Session	Instructor	Location
7:00 – 8:30 am	<b>Breakfast</b>		Zeppole
<b>General Session</b>			
8:30 – 8:45 am	Welcome	<i>Linda Ostrowski – CANBERRA</i>	Grapevine B
8:45 – 9:00 am	Welcome from our Co-Host	<i>John Poston – Texas A&amp;M</i>	
9:00 – 9:30 am	Opening Remarks	<i>Bud Sielaff – CANBERRA</i>	
9:30 – 10:30 am	Keynote Speaker – Changes in the Radiation Detection Landscape	<i>Glenn Knoll</i>	
10:30 – 10:45 am	<b>Break</b>		Grapevine B
10:45 – 11:15 am	AREVA/CANBERRA Efforts Towards Fukushima Nuclear Accident Remediation: Projects & Experience	<i>Massimo Morichi – CANBERRA</i>	
11:15 – 11:45 am	Accident Progression at the Fukushima Daiichi Nuclear Power Station	<i>Yoshi Karahashi – AREVA</i>	
11:45 – 12:30 pm	Measurement of Fukushima Fallout by the Berkeley Radiological Air and Water Monitoring (BRAWM) Project	<i>Kai Vetter – University of California, Berkeley</i>	
12:30 – 1:00 pm	Japan Topics – Q&A		
1:00 – 2:00 pm	<b>Lunch</b>		Zeppole
<b>Breakout Sessions</b>			
2:15 – 3:15 pm	Radiation Monitoring Systems (RMS) Customer Stakeholders Meeting	<i>Tim Petit</i>	Appaloosa 1
	Environmental Monitoring Systems (EMS) – the Right CAM for your Application. New Developments & Algorithms Review	<i>Tim Martinson</i>	Appaloosa 2
	Recent Enhancements in Alpha Spectroscopy	<i>Lee Reagan</i>	Appaloosa 3
	Colibri® – A Comprehensive Aid for Periodic and Specific Survey Rounds	<i>Dominique Rothan</i>	Appaloosa 4
3:15 – 3:45 pm	<b>Break</b>		Appaloosa Foyer
3:45 – 4:45 pm	Advanced Gamma Spectroscopy Applications	<i>James Cocks</i>	Appaloosa 1
	Everything You Should Know About Our PIPS® (Silicon) Detectors	<i>Mathieu Morelle</i>	Appaloosa 3
	Spectroscopy in Radiation Monitoring Systems (RMS) – Present & Future	<i>Tim Martinson</i>	Appaloosa 2
5:00 – 7:30 pm	<b>Demo Room</b> ( <i>Cocktails 5:30 – 7:30 pm</i> )		Austin 4 - 6



**> Thursday, July 14, 2011**

Time	Session	Instructor	Location
7:00 – 8:00 am	<b>Breakfast</b>		Zeppole
<b>General Session</b>			
8:00 – 8:15 am	<b>Meeting Updates</b>	<i>Linda Ostrowski – CANBERRA</i>	Grapevine B
8:15 – 9:15 am	Keynote Speaker – History of the Atomic Age	<i>Ernest Williams, Retired DOE</i>	
9:15 – 9:45 am	Cadmium Zinc Telluride (CZT) For Source Term Monitoring	<i>Frederic Mis – Bartlett Nuclear</i>	
9:45 – 10:15 am	Field Application of Cadmium Zinc Telluride (CZT) Detector for Pressurized Water Reactor Radiation Source Term	<i>Patricia Robinson – NP Energy Nevada, Inc.</i>	
10:15 – 10:30 am	<b>Break</b>		Grapevine B
10:30 – 11:00 am	Gamma-ray Energy Tracking Array GRETINA	<i>I-Yang Lee – Lawrence Berkeley National Laboratory</i>	
11:00 – 11:30 am	Characterizing Concrete Samples with ISOCS	<i>Craig Marianno – Texas A&amp;M</i>	
11:30 – 12:00 pm	Modeling Complex Geometries Using CANBERRA LabSOCS Software	<i>Joseph Giaquinto – Oak Ridge National Lab</i>	
12:00 – 12:30 pm	Argos™-5 Contamination Monitor: Implementing Radon Rejection	<i>John Duskin – Exelon Limerick Station</i>	
12:30 – 1:30 pm	<b>Lunch</b>		Longhorn Foyer
<b>Breakout Sessions</b>			
1:30 – 2:30 pm	Recent Enhancements in Alpha Beta Counting	<i>Lee Reagan</i>	Appaloosa 2
	Advanced Applications with CANBERRA Digital Signal Processing	<i>Peter D'Agostino</i>	Appaloosa 3
	Technical Advancements in Broad Energy Germanium Detectors	<i>Marijke Keters</i>	Appaloosa 4
	Negotiating the Challenges of Implementing “New” Radiation Monitoring Systems (RMS) Solutions (Part 1)	<i>Tim Martinson</i>	Appaloosa 1
2:45 – 3:45 pm	Laboratory Management with Apex-Gamma	<i>Steve Laskos</i>	Appaloosa 2
	Contamination Monitors: Further Improvements in Measurement Reliability	<i>Dominique Rothan</i>	Austin 4 - 6
	Negotiating the Challenges of Implementing “New” Radiation Monitoring Systems (RMS) Solutions (Part 2)	<i>Tim Martinson</i>	Appaloosa 1
3:45 – 4:00 pm	<b>Break</b>		Appaloosa Foyer
4:00 – 5:00 pm	Choosing the Best HPGe Detector for your Application	<i>Marijke Keters</i>	Appaloosa 3
	New Advances in InVivo Counting Systems	<i>Steve Laskos</i>	Appaloosa 2
	Strategies for Minimizing “Workarounds” in Radiation Monitoring Systems (RMS) Operations, Maintenance & Calibration	<i>Tim Martinson</i>	Appaloosa 1
4:30 – 6:00 pm	<b>Demo Room</b>		Austin 4 - 6
6:30 – 10:30 pm	<b>Group Dinner – Board trolleys at 6:15 pm</b>		Glass Cactus

> **Friday, July 15, 2011**

Time	Session	Location
8:00 – 10:30 am	<b>Demo Room</b> with Continental Breakfast	Austin 4 - 6
11:00 – 4:30 pm	<b>Tour of Cowboys Stadium and Texas Rangers Ballpark –</b> Board bus at 11:00 am in tour lobby. Boxed lunches will be handed out for the ride. Arrive at park at noon. Guided tours start at 12:30 pm and end at 3:30 pm. Board bus to return to Gaylord Texan.	Tour Bus Lobby
11:00 – 4:30 pm	<b>Golf Outing –</b> Trolley to course leaves at 11:00 am. Lunch at club house at 11:15 am. Tee times start at noon.	Cowboys Golf Club

**Demo Room**



Speak directly to our product managers about our products, including product demonstrations, services, literature and more.

**Cowboys Stadium**



**Rangers Stadium**



**Cowboys Golf Course**



## **CANBERRA is part of AREVA**

AREVA supplies solutions for power generation with less carbon. Its expertise and unwavering insistence on safety, security, transparency and ethics are setting the standard, and its responsible development is anchored in a process of continuous improvement.

Ranked first in the global nuclear power industry, AREVA's unique integrated offering to utilities covers every stage of the fuel cycle, nuclear reactor design and construction, and related services. The group is also expanding in renewable energies – wind, solar, bioenergies, hydrogen and storage – to be one of the top three in this sector worldwide in 2012.

With these two major offers, AREVA's 48,000 employees are helping to supply ever safer, cleaner and more economical energy to the greatest number of people.

**[www.canberra.com](http://www.canberra.com)**

