



# Users' Group Meeting Nashville Tennessee 2012



## General Information

NUCLEAR MEASUREMENTS BUSINESS UNIT OF AREVA

- **Welcome**
- **Meeting Schedule**
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- **Attendee List**



**CANBERRA**

## » 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 Ryman Studio M 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

We have two exciting social functions that you are invited to with your guests. Be sure to join us for our Caribbean-themed Welcome Reception on Tuesday evening from 7:30 to 9:30 pm on the Magnolia Patio and feel free to wear your Hawaiian shirt! Our Thursday night dinner will be at the Water's Edge Restaurant at 7:30 pm. This event features a cowboy theme with two "special guests", as well as exciting raffle prizes so don't miss it!

Guests of each registered Users' Group Meeting participant may attend the two social functions free of charge. All other scheduled meals and sessions are considered business events and 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 you need to make changes to the guests you entered during the online registration process please contact me by e-mail at [tammy.pattison@canberra.com](mailto:tammy.pattison@canberra.com).

Our demo room will be open several times during the week to give you an opportunity to learn about our innovative solutions and services and speak directly to our product managers. Take our Quiz during your visit and you will be entered for a chance to win an iPad 3.

CANBERRA has organized a bus tour (Nashville: A Historic Journey) to be held on Friday, June 22nd. There is no cost to you for the tickets but the seats are limited and available on a first-come-first-served basis. You will board the bus at the Gaylord at 12:45 and return to the hotel at 5:00 pm. For more information on the tour, please see me in Ryman Studio M.

To reserve tickets please go to the following link:  
[https://www.destinationnashville.com/tours/Canberra\\_6-12.html](https://www.destinationnashville.com/tours/Canberra_6-12.html)

Electronic meeting evaluations will be e-mailed on Friday when our event 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. When we receive your completed survey you will be entered into a raffle for a great electronic prize!

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

Sincerely,



**Tammy Pattison**

*Manager, Operational Marketing*



# » Meeting Schedule

June 18-22, 2012

## > Monday, June 18, 2012

Time	Session	Instructor	Location
7:30 – 9:30 am	<b>Registration</b>		Ryman Studio M
8:00 – 9:00 am	<b>Breakfast</b>		Ryman Ballroom Foyer
9:00 – 4:30 pm	HIS-20 Users' Group Meeting	<i>Joanne Roberson</i>	Ryman Ballroom A
9:00 – 4:30 pm	NAA Workshop	<i>Kevin Carmichael</i>	Ryman Ballroom B
9:00 – 4:30 pm	<b>Training Seminars</b>		
	Introduction to ISOCS™ & LabSOCS™ – One Day	<i>Dave Groff</i>	Ryman Studio J
	Practical QA/QC Considerations in Gamma Spectroscopy – One Day	<i>Tim Royals</i>	Ryman Ballroom D
	InSpector™ 1000 Operations with CZT Detectors and RADMAP Software – One Day	<i>Richard Machado</i>	Ryman Studio N
	RMS Operations – One Day	<i>Terry Schwager</i>	Ryman Studio O
	Basic Principles and Instrumentation for Gamma (and Alpha) Spectroscopy Measurements – Two Days	<i>Jonas Douwen</i>	Ryman Studio P
	iSolo® and iMatic™ Measurement Optimization – Two Days	<i>Amol Patil Luke Hovestadt</i>	Ryman Studio Q
	Genie™ 2000 Gamma Analysis Optimization – Two Days	<i>Cathey Sharp</i>	Ryman Studio R
	Apex-Gamma™/Genie 2000 Advanced Topics – Two Days	<i>Bill Pyle</i>	Ryman Studio K
	Genie 2000 Basic Operation Refresher – Two Days	<i>Greg Landry</i>	Ryman Ballroom C
10:15 – 10:30 am	<b>Break</b>		Ryman Ballroom Foyer
12:00 – 1:00 pm	<b>Lunch</b>		Water's Edge
2:30 – 2:45 pm	<b>Break</b>		Ryman Ballroom Foyer

“*This meeting provides a time every year to benchmark other plants and discuss problems/solutions with others in the industry.*”



**> Tuesday, June 19, 2012**

Time	Session	Instructor	Location
7:30 – 9:30 am	<b>Registration</b>		Ryman Studio M
8:00 – 9:00 am	<b>Breakfast</b>		Ryman Ballroom Foyer
9:00 – 4:30 pm	HIS-20 Users' Group Meeting	<i>Joanne Roberson</i>	Ryman Ballroom A
9:00 – 4:30 pm	NAA Workshop	<i>Kevin Carmichael</i>	Ryman Ballroom B
9:00 – 4:30 pm	<b>Training Seminars</b>		
	ISOCS Uncertainty Estimator Overview – One Day	<i>Dave Groff</i>	Ryman Studio J
	Contamination Monitor Operations – One Day	<i>Shawn Googins</i>	Ryman Exhibit Hall B1
	Basic Principles and Instrumentation for Gamma (and Alpha) Spectroscopy Measurements – Two Days	<i>Jonas Douwen</i>	Ryman Studio P
	iSolo and iMatic Measurement Optimization – Two Days	<i>Amol Patil</i> <i>Luke Hovestadt</i>	Ryman Studio Q
	Genie 2000 Gamma Analysis Optimization – Two Days	<i>Cathey Sharp</i>	Ryman Studio R
	Apex-Gamma/Genie 2000 Advanced Topics – Two Days	<i>Bill Pyle</i>	Ryman Studio K
	Genie 2000 Basic Operation Refresher – Two Days	<i>Greg Landry</i>	Ryman Ballroom C
9:00 – 12:00 pm	Environmental Monitoring Systems, Maintenance and Operations Workshop	<i>Tim Martinson</i>	Ryman Ballroom D
10:15 – 10:30 am	<b>Break</b>		Ryman Ballroom Foyer
12:00 – 1:00 pm	<b>Lunch</b>		Water's Edge
1:00 – 4:30 pm	Radiation Monitoring Systems, Maintenance and Operations Workshop	<i>Tim Martinson</i>	Ryman Ballroom D
2:30 – 2:45 pm	<b>Break</b>		Ryman Ballroom Foyer
4:30 – 6:00 pm	<b>Registration</b>		Ryman Studio M
7:30 – 9:30 pm	<b>Welcome Reception</b>		Magnolia Patio

“*I thoroughly enjoyed all of the presentations and got some very useful information from them.*”

**> Wednesday, June 20, 2012**

Time	Session	Instructor	Location
7:00 – 8:30 am	<b>Breakfast</b>		Water's Edge
<b>General Session</b>			
8:30 – 8:45 am	Welcome	<i>Linda Ostrowski – CANBERRA</i>	Ryman Ballroom
8:45 – 9:00 am	Welcome to Nashville from our Co-Host	<i>Michael Stabin – Vanderbilt University</i>	
9:00 – 9:30 am	Opening Remarks	<i>Yves Baumgartner – CANBERRA</i>	
9:30 – 10:30 am	Keynote Speaker – Part 52 – A Path to the Future	<i>Chuck Pierce – Southern Nuclear Company</i>	
10:30 – 11:00 am	<b>Break</b>		Ryman Ballroom Foyer
<b>Panel Discussion</b>			
11:00 – 12:30 pm	Nuclear Industry regulation and response – the post-Fukushima perspective <ul style="list-style-type: none"> <li>&gt; Pedro Salas – AREVA</li> <li>&gt; Roy Brosi – FirstEnergy Corp.</li> <li>&gt; Neil Gannon – TVA</li> <li>&gt; David Gambrell – Southern Nuclear</li> <li>&gt; Scott Moreland – GEL Labs</li> </ul>		Ryman Ballroom
12:30 – 1:30 pm	<b>Lunch</b>		Water's Edge
<b>Breakout Sessions</b>			
1:30 – 3:00 pm	Handheld Instruments	<i>Frederic Meyer</i>	Ryman Ballroom C
	New Evolutions in Gamma Spectroscopy Software	<i>James Cocks</i>	Ryman Ballroom F
	Flexibility of New Architecture to Meet Legacy RMS Requirements	<i>Mike Beal</i>	Ryman Studio PQR
3:00 – 3:30 pm	<b>Break</b>		Ryman Ballroom Foyer
3:30 – 5:00 pm	Detectors Product and Applications Update	<i>Jonas Douwen</i>	Ryman Ballroom C
	Recent Advancements in Alpha/Beta Counting and Alpha Spectroscopy	<i>Lee Reagan</i>	Ryman Ballroom F
	Spectroscopy in Radiation Monitoring Systems (RMS)	<i>Tim Martinson</i>	Ryman Studio PQR
5:30 – 7:30 pm	<b>Demo Room</b>		Ryman Exhibit Hall B1

“*The staff was very helpful and my time with them should help improve the way CANBERRA products are used at my facility.*”



**> Thursday, June 21, 2012**

Time	Session	Instructor	Location
7:00 – 8:00 am	<b>Breakfast</b>		Water's Edge
<b>General Session</b>			
8:00 – 8:05 am	Meeting Updates	<i>Linda Ostrowski – CANBERRA</i>	Ryman Ballroom
8:05 – 9:05 am	Featured Speaker – Why the Nuclear Future is Still with Us	<i>William Tucker – Consultant</i>	
9:05 – 9:35 am	Using CANBERRA's LabSOCS Calibration Software for Modeling a Complex Geometry for Direct Measurement of Released Fission Products During Nuclear Fuel Accident Simulations	<i>John Partridge – Tennessee Tech University</i>	
9:35 – 9:55 am	<b>Break</b>		Ryman Ballroom Foyer
9:55 – 10:25 am	The Use of the <i>In-Situ</i> Gamma Spectroscopy as an Integral Part of the MARSAME Process	<i>James Tarzia – Radiation Safety &amp; Control Services, Inc.</i>	Ryman Ballroom
10:25 – 10:55 am	Why I Love HIS-20 More Than My Luggage	<i>Pam Heckman – Energy Solutions</i>	
10:55 – 11:25 am	Area Monitoring at Oak Ridge National Laboratory	<i>Mike Wittenbarger – Oak Ridge National Labs</i>	
11:25 – 12:00 pm	Advanced Gamma Spectroscopy for Comprehensive Nuclear Test Ban Treaty Samples	<i>Jonathan Burnett – UK CTBT Radionuclide Laboratory</i>	
12:00 – 12:30 pm	Customization of the iSeries Software for Use with Dosimetry Air Filters	<i>Sean Fournier – Sandia National Laboratory</i>	
12:30 – 1:30 pm	<b>Lunch</b>		Water's Edge
<b>Breakout Sessions</b>			
1:30 – 3:00 pm	Advanced Applications with CANBERRA Digital Signal Processing Electronics	<i>Peter D'Agostino</i>	Ryman Ballroom C
	New CANBERRA Supervisory Software	<i>Steve Laskos</i>	Ryman Ballroom F
	Live Demonstration and Discussion on SafePoint™ CAM100 Skid	<i>Tim Martinson Steve Fisher-Jones</i>	Ryman Exhibit Hall B1
3:00 – 3:15 pm	<b>Break</b>		Ryman Ballroom Foyer
3:15 – 4:45 pm	Laboratory Gamma Spec Applications Workshop	<i>Steve Laskos James Cocks</i>	Ryman Ballroom C
	Contamination Monitoring: Recent Breakthroughs to Improve Measurement Sensitivity & Uncertainty	<i>Dominique Rothan</i>	Ryman Exhibit Hall B1
	Environmental Monitoring Systems (EMS)	<i>Tim Martinson</i>	Ryman Ballroom F
5:00 – 6:30 pm	<b>Demo Room</b>		Ryman Exhibit Hall B1
7:30 – 10:30 pm	<b>Group Dinner</b>		Water's Edge

“*This is one of my major opportunities to interact with both my counterparts in the world as well as with equipment project managers.*”

**> Friday, June 22, 2012**

Time	Session	Instructor	Location
8:00 – 10:00 am	Continental Breakfast		Ryman Exhibit Hall B1
<b>Breakout Sessions</b>			
8:30 – 10:00 am	Latest Advances in InVivo Counting Systems	Steve Laskos	Ryman Studio PQR
	Success Stories on Radiation Monitoring Systems (RMS)	Tim Martinson Mike Beal	Ryman Studio JK
	Decontamination and Decommissioning	Kevin Carmichael Joshua Handley	Ryman Studio NO
8:00 – 12:00 pm	<b>Demo Room</b>		Ryman Exhibit Hall B1
12:45 – 5:00 pm	<b>**Bus Tour – Nashville: A Historic Journey</b>		Board Bus at Presidential Portico

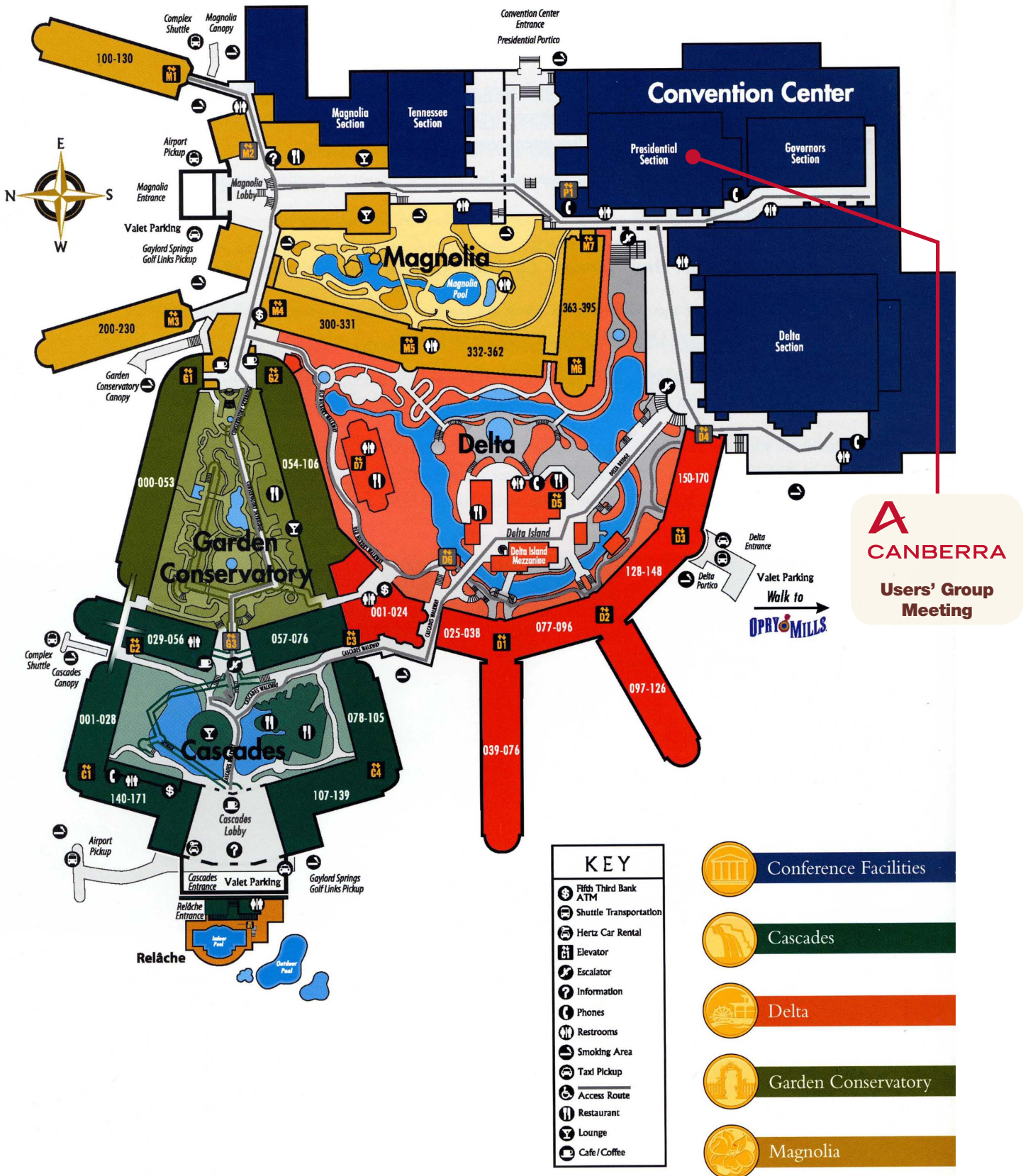
\*\* Advance reservations required. Limited number of seats on a first come first served basis. To register:

[https://www.destinationnashville.com/tours/Canberra\\_6-12.html](https://www.destinationnashville.com/tours/Canberra_6-12.html)

**“***This was my first year attending, and it was great all around. The courses were good, the presentations were good, the people were a joy to work with, and the location and food were great as well.*

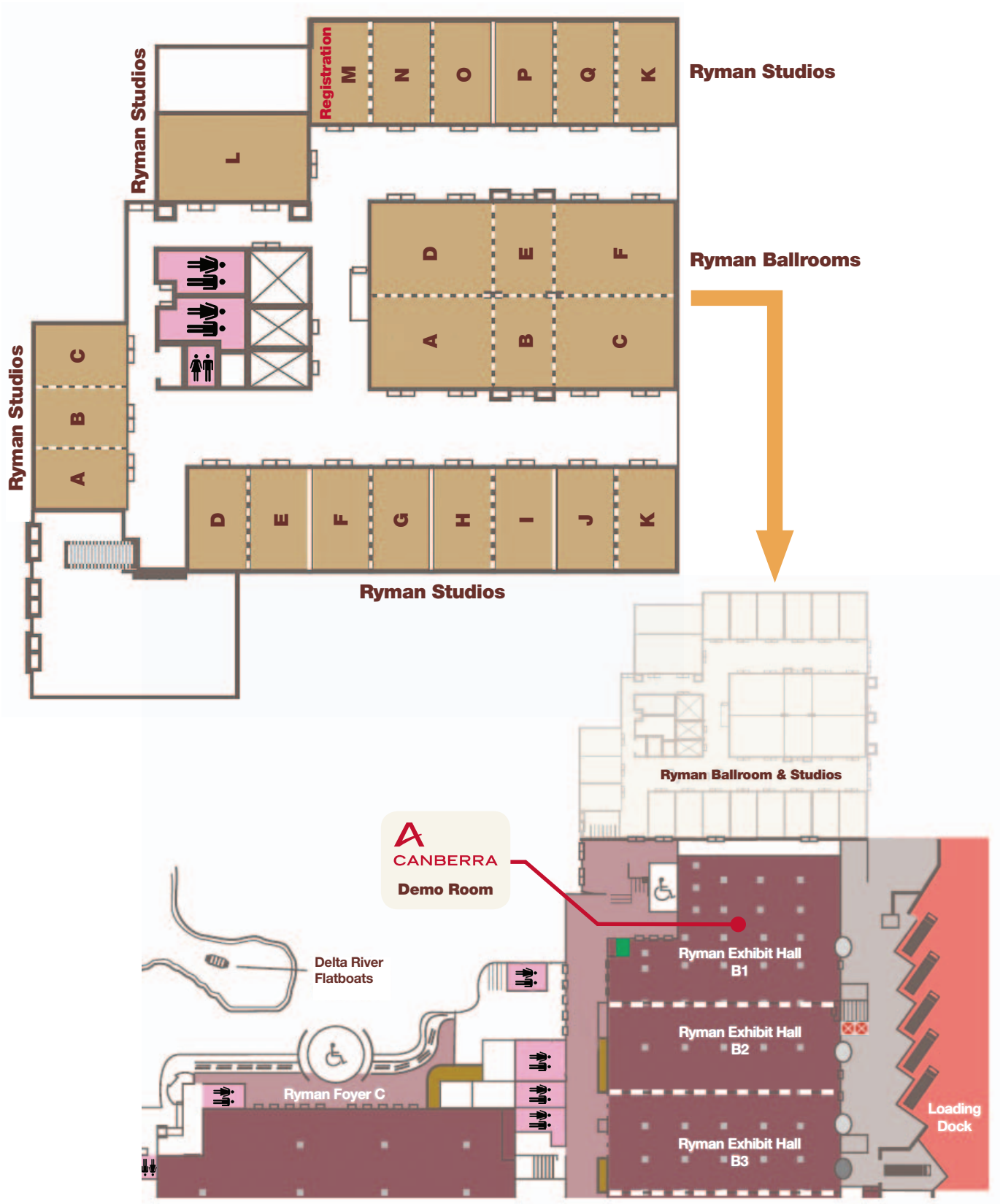


# Gaylord Overview





# Meeting Rooms



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**“** *Thank you for attending.  
We look forward to seeing  
you next year.*



## **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.

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)**



**Measurement Solutions for Nuclear Safety and Security ▪ CANBERRA is the Nuclear Measurements Business Unit of AREVA**

For more information please visit: **[www.canberra.com](http://www.canberra.com)** C38908 - 05/12