

**Program**  
**24th Annual Air Monitoring Users Group Meeting**  
**Palace Station Las Vegas 24-27 April 2012**

Tuesday 24 April	0730 am	Continental Breakfast
	0830	Introductions/review/program- Morgan Cox
	0845	Nuclear situation in Japan & other relevants
		Roundtable NRC, Ted & Morgan, moderators
	1030	Break
	1100	European detection of Fukushima, A Klett, Berthold
	1130	CAM algorithms, Dave Baltz, Bladewerx
	1200	Lunch
	1330	Hoover-Newton Award to Phil Jenkins
	1345	Annual radon summary, Phil, Bowser-Morner
	1430	Latest developments at the WIPP, Rob Hayes
	1500	Break
	1530	Treating contaminated respirators at Y-12, Randy
	1600	ARMUG, Hiliary Phillips, NPL-UK
	1630	Lab Impex, Jeff Rivers
	1645	Autonomous RMS, Arthur Desrosiers, SEC
1715	NTS Field Trip – Morgan Cox	
Thursday 26 April	0730 am	Continental Breakfast
	0830a	Tritium session, Rob & Morgan moderators
	1000	ANSI N323AB, Ed Walker
	1030	Break
	1100	RadNet program, Ron Fraans, USEPA
	1130	Canberra, James Forde-Johnston
	1145	Millipore, Celia Landers
	1200	Lunch
	1330	Emergency response air monitoring, Rob Hayes
	1400	WM/WLM AlanJustus, LANL
	1430	CAM data from Argonne NL, Charlotte Sholeen
	1500	Break
	1530	New statistics for air filter assays, Rob Hayes
	1600	Dust loading studies at SRS, Joey Smiley
1630	Wireless Networked CAMs at SRS, Ed Smith, WW	
1700	Connie Gildersleeve Palace Station	

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Friday	0730	Continental Breakfast
27 April	0830	Looking for life, Duane Moser, DRI
	0900	Hi specific activity TRU waste project , Martin, SNL
	0930	NUREG 1400 @ SNL, Martin Brennen
	1000	Break
	1030	Summary, closing remarks and plans for the next AMUG meeting, M Cox, et al.

The 2013 AMUG meeting is tentatively scheduled and the host hotel will again be the Palace Station. Standards meetings will convene on the first Monday in May, with AMUG meetings on Tuesday, Thursday and Friday morning of that week. We may again have a tour of the Nevada Test Site on Wednesday of that week, and may also have a tour of the Atomic Testing Museum and Desert Research Institute facilities.

We thank the Session Chairs Arthur Desrosiers, Rob Hayes. and Dennis Hadlock . and Mark Maiello faithfully recorded all electronic presentations.

**Exhibits**

Berthold	Bladewerx	Bowser-Morner	Canberra-Aquila	
DRI	Femto-Tech	Lab Impex	Ludlum	Mirion
Millipore	Technical Associates		ThermoFisher	UNLV

We had time for all interested exhibitors/manufacturers to present and for the attendees to interact with the exhibitors. The manufacturers emphasized technical information.

Nuclear situation in Japan: Contributors- Yoshio Hino, Ted Hartwell, Ted Quinn, Rob Hayes, Arthur Desrosiers, Ed Walker, Rick Hansen, and others.  
Radon/progeny session: Phil Jenkins, Rob Hayes, Tom Kendrick, Dave Baltz,  
Tritium session: Hiliary Phillips, Rob Hayes and the manufacturers

DRI- Desert Research Institute  
UNLV- University of Nevada at Las Vegas  
WIPP- Waste Isolation Pilot Plant

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**Titles of presentations**

Adjunct technical session: Aerosol measurements, HPS meeting, July 2012  
Update on the response of the Community Environmental Program to the nuclear accident at Fukushima  
Situation at Fukushima-Daiichi after the great Japan earthquake and tsunami  
Fission product releases from Fukushima  
Exposure data from Fukushima  
Decommissioning plan for Fukushima  
Nuclear Regulatory Commission orders regarding Fukushima related recommendations  
Evacuation criteria post nuclear accidents-personal perspective  
ANSI N42.58 (time permitting)  
Airborne radioactivity measured in Europe from Fukushima  
Bladewerx Epee series Continuous Air Monitor algorithms  
Hoover-Newton award  
Annual radon report  
DOE/NNSA Radiological Assistance Program (RAP) Capabilities Overview  
Laundered contaminated respirators at Y-12  
Airborne Radioactive Monitoring Users Group-UK  
Lab Impex presentation  
Autonomous Radiation Monitoring System  
Tritium monitoring session with inputs from ARMUG and manufacturers  
Standard for calibration of portable radiation detectors  
RadNet program discussion  
Canberra presentation  
Millipore presentation  
Emergency response air monitoring and the DOE-RAP capabilities  
Working Level/Working Level Monitor  
CAM data from Argonne National Lab  
New statistical analysis technique for evaluating air filter assay distributions  
Dust loading study for air sample filter papers at SRS  
Wireless networked CAMs at the Savannah River Site  
Looking for life in all the wrong places  
High specific activity TRU waste processing project at Sandia National Lab  
NUREG-1400 at SNL

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