



Radon Reporter

2013 INTERNATIONAL RADON SYMPOSIUM PREVIEW



The Road to
New Opportunities in
Emerging Markets for
Radon Professionals

AARST Radon Symposium
Springfield, Illinois
September 22-25, 2013



NATIONAL RADON PROFICIENCY PROGRAM

NRPP CONTINUES TO MOVE FORWARD

October 1, 2012, the NRPP certification program became the AARST - National Radon Proficiency Program (NRPP) in the United States, and the Canadian National Radon Proficiency Program (C-NRPP) in Canada, both administered by AARST in its Fletcher Offices in North Carolina.

The program has actually been administered out of the AARST Fletcher offices since September 2005 and recently moved into larger offices. While the NEHA-NRPP radon credentials have become AARST-NRPP credentials, the process for acquiring and maintaining these radon credentials remains the same. Those seeking information go to www.nrpp.info for information on credentials and renewal of certifications. Policies remain the same and are still made through the NRPP Policy Advisory Board, which is chaired by Bruce Snead.

Bruce Snead recently announced that new NRPP exams will be fully released on August 8, 2013 and a new, updated C-NRPP are in the process of being released for the Canadian program. These efforts culminate over five years of research and development in order to comply with ongoing changes in standards and protocols in the United States and Canada.

In response to new U.S. multifamily mortgage requirements (Effective June 4, 2013) established by the U.S. Department of Housing and Urban Development (HUD), and new radon standards related to Multifamily Measurement and Mitigation, and also new standards for Radon Resistant New Construction, a new add-on credential (to existing NRPP credentials) has been announced by AARST and new exams will be available by year end for professional wishing to demonstrate proficiency in these specialty areas.

Staff members for NRPP and C-NRPP include: Janna Sinclair, NRPP Credentialing Coordinator; Johnna McNamarra, NRPP Exam Coordinator; Nicole Chazaud, C-NRPP Credentialing Coordinator; and Pam Warkentin, C-NRPP Exam Coordinator. Pam is based in Winnipeg, Manitoba. This staff reports to Peter Hendrick, AARST Executive Director and is supported by Senior Program Analysts Angel Price and Gary Hodgden, who advise on procedures, quality assurance, and quality control.

To contact the staff for more information:
email info@nrpp.info or call 800-269-4174



AARST, the American Association of Radon Scientists & Technologists, is a nonprofit, professional organization dedicated to the highest standard of excellence and ethical performance of radon measurement, mitigation and transfer of information for the benefit of members, consumers, and the public at large. AARST's leadership is democratically elected by the members.

AARST represents your voice as we meet the wide range of challenges facing radon professionals and the community. Your membership and participation provides you a voice in the changes to come, and allows you to gain updated information, discover new techniques, learn about new problems before they occur, and hone your professional skills.

AARST has several local chapters where you can meet other radon professionals and state and federal officials who work with the radon industry.

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SYMPOSIUM PREVIEW

CREATING NEW OPPORTUNITIES IN EMERGING MARKETS FOR RADON PROFESSIONALS



AARST International Radon Symposium
Springfield, Illinois
September 22-25, 2013

*That some achieve great success, is proof
to all that others can achieve it as well.*
- Abraham Lincoln

The Symposium

The 2013 International Radon Symposium is focusing on newly identified Specialty Emerging Markets for the Radon Professional. Traditionally, the Symposium has been known primarily for great science, and that will not change, but AARST also recognizes the pressing need to support members by providing opportunities to benefit from new business niches that will impact the radon world.

Through our Sunday continuing education courses, a few Track I presentations, and Track II workshops, this year's symposium teaches attendees how to market to and work with engineering, design, and construction firms in the new and expanded markets provided by RRNC, Multifamily Measurement and Mitigation and Vapor Intrusion.

The Location

AARST's International Radon Symposium will be held in Illinois, "The Land of Lincoln," which in recent years also has become "The Land of Reduced Radon Risk," thanks to the multiple radon bills that have been passed in the state. From its first radon disclosure legislation to the bill requiring testing in child care centers that was passed in January, Illinois leads the nation in the passage of radon laws.

The Symposium will take place at the Abraham Lincoln Hotel and Conference Center, located in the heart of historic downtown Springfield near the Lincoln Presidential Museum & Library and many other historic attractions, including Lincoln's Home, Lincoln Herndon Law Office, and the Old State Capitol.



Lincoln's home in Springfield, IL



Springfield itself sits in the heart of Illinois' U.S. Route 66 (also known as "America's Main Street" and the "Mother Road" and boasts some of America's favorite Route 66 icons. According to the online guides, mile for mile, you'll find more authentic Route 66 sites and attractions along the road in Illinois - from Chicago to St. Louis - than in any other Route 66 state. For Route 66 enthusiasts the drive along the famous old highway will provide hours of nostalgia and memorabilia. In Springfield itself, hot dog lovers might want to visit the Cozy Dog Inn, where the "hot dog on a stick" was introduced in 1946.

Plan to do your sightseeing before or after the Symposium, because this year's program promises to be more exciting, intense, and educational than any ever before presented by AARST.



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CE AT THE SYMPOSIUM

PRE-SYMPOSIUM COURSES AND TRACK I AND TRACK II CONTINUING EDUCATION CREDITS



Sunday pre-symposium courses provide NRPP Category I C.E. Credits. They are not included in the Symposium registration fee and require separate registration and pre-payment. Category II credits (NRPP) are available without charge during the Symposium's Monday, Tuesday and Wednesday sessions (Track I and Track II) are approved for a total of 8 Category II NRPP continuing education credits (1 credit for every two hours of the program.) For the Tuesday and Wednesday C.E. Track I and Track II sessions, please check with your state or accrediting organization to see if C.E. has been approved.

Illinois Licensed Radon Professionals who attend Monday through Wednesday will receive 15 C.E. credits for relicensing from Illinois Emergency Management Agency.

SUNDAY PRE-SYMPOSIUM COURSES

Separate registration and pre-payment required

Time	Course	CE Credits	Fee
8:am - 12pm	<i>Building Radon Policy Coalitions</i> - Kyle Hoylman, ARC Chair Radon professionals working together build grassroots coalitions that promote better policies to increase risk reduction and protect our industry, an absolute necessity that is vital to our business success. Learn how grassroots radon policy advocacy builds relationships, coalitions and business success.	4 Category I	\$105.00
8am - 11am	<i>Multifamily Measurement</i> - Bill Angell, MURC HUD Multifamily Mortgage policies are increasing the radon risk reduction market, but are you prepared? Do you know the Standards, as in the required ANSI-AARST Multifamily Measurement Protocols? New NRPP "Add-On Certifications" are coming, to help you market your professional credentials in this growing new market.	3 Category I	\$ 90.00
12pm - 5pm	<i>Multifamily Mitigation</i> - Bill Angell, MURC HUD Multifamily Mortgage Policy on Radon Mitigation is: "Fix the building, not the unit!" You're not fixing multiple single family homes anymore. The Standard and polices are in place to address testing and fixing multifamily buildings. Learn what the Multifamily Mitigation Standards will require, when to use ASTM E2121, and when to use the new AARST Multifamily Standard. This course is here just in time for the NRPP Add-On Certification for Multifamily Mitigation!	5 Category I	\$120.00
1pm - 5pm	<i>How to Start and Build a Radon Business</i> - Dave Daniels, Radon Specialists of WI Back by popular demand! An experienced, successful radon mitigator knowledgeably takes you through the process of starting, marketing and building a successful radon business. This is a Nuts and Bolts class by a real working professional who has walked the talk. DON'T WAIT for success to happen, TAKE ACTIONS that create success!	4 Category I	\$105.00
1pm - 5pm	<i>How to Pass State Radon Legislation</i> - Gloria Linnertz, Radon Advocate Are you upset that no one is promoting radon in your state, that no state laws prevent fly-by-nighters from doing business? Just do it! This course will explain how our state laws are passed and the exciting actions you can take to engage and educate the public and legislators so that your state can pass better policies and laws.	4 Category I	\$105.00



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SYMPOSIUM PREVIEW

Saturday – September 21, 2013

Preliminary - Subject to Change

Pre-Symposium Activities

- 10:00am **AARST Foundation / ALA Bike Ride Fundraiser**
Have fun and help raise money for two worthy organizations!
Join this Bike Ride for the ALA-Upper Midwest and the new
AARST Foundation, a 501 (c) (3)
For details, contact Calvin Murphy at calvin@alliedradon.com
- 4:00pm AARST Staff & Volunteers Meet for Walk-through



Reduce Radon Risk Bike Ride
Saturday, September 21, 2013
Springfield, Illinois

Sunday – September 22, 2013

Pre-Symposium Continuing Education Courses, Meetings, and Other Events

Morning

- 7:30 Symposium Staff and Volunteers Meet for Briefing with Staff (Location TBA)
8:00 C.E. Courses Start - See Details in Pre-Symposium C.E. (below)
10:00 - 5:00pm Symposium Registration Desk Open
10:00 MEETING TIME OPEN – Board Room

Afternoon

- Noon - 4:00pm Exhibition Hall Set-Up for Exhibitors/Poster Presentations
1:00 Afternoon C.E. Courses Start – See Details in Pre-Symposium C.E. (below)
1:00 AARST National Board Meeting
3:00 NRPP Policy Advisory Board Meeting
5:00 CARST Members and Officers Meeting – Board Room
5:30 AARST Election Supervisors Meeting – Location TBA
6:30 - 8:30 Joint Symposium Reception with CRCPD's National Radon Training Meeting

Pre-Symposium Category I Continuing Education Training

**Sunday C.E. Courses Require Separate Pre-registration
by September 21, 2013**

Please go to the AARST Bookstore for registration and pre-payment.

The Sunday pre-symposium courses listed below (full descriptions on page 5) provide NRPP Category I C.E. Credits. They are not included in the Symposium registration fee and require separate registration and pre-payment.

Sunday, September 22 - Pre-Symposium C.E. Courses

Time	Course	Instructor	CE Credits	Fee
8:am - 12pm	Building Radon Policy Coalitions	Kyle Hoylman, ARC Chair	4 Category I	\$105.00
8am - 11am	Multifamily Measurement	Bill Angell, MURC	3 Category I	\$ 90.00
12pm - 5pm	Multifamily Mitigation	Bill Angell, MURC	5 Category I	\$120.00
1pm - 5pm	How to Start and Build a Radon Business	Dave Daniels, Radon Specialists of WI	4 Category I	\$105.00
1pm - 5pm	How to Pass State Radon Legislation	Gloria Linnertz, Radon Advocate	4 Category I	\$105.00

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CREATING NEW OPPORTUNITIES
FOR THE RADON PROFESSIONAL

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EMERGING GROWTH MARKETS

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SYMPOSIUM PREVIEW

Monday – September 23, 2013

Preliminary - Subject to Change

Joint Session - AARST & CRCPD Prairie Capital Convention Center (PCCC) B11

Morning Moderator: Patrick Daniels

- 8:00 - 8:15 *Welcome:* Illinois - TBA, AARST - Shawn Price, CRCPD, Joe Klinger
8:15- 8:50 *Keynote:* Harold P. Wimmer, President, CEO, American Lung Association
- 8:50 - 9:25 *HUD Healthy Housing:* TBA
9:25 - 9:45 *Legislature Perspective on Radon:* TBA
9:45 - 10:00 *Q&A*
- 10:00 – 10:30 *Break / Exhibits – (PCCC) B11-CD*
- 10:30 - 11:00 *Working Together to Sustain Radon Risk Reduction Practices:* AARST - Shawn Price , CRCPD – Patrick Daniels
11:00 – 12:00 *Update from Last Year's Discussions:* Radon: Program Manager and Kyle Hoylman (Tentative)
Open Spaces (Follow up on Points) - Multiple Rooms
Discussion of Issues to Continue Radon Outreach Institutionalizing Radon through State Policies and Regulations
- 12:00 – 1:30 *Luncheon Abraham Lincoln Hotel Ballroom*
Joint Leadership Update and Awards / Questions and Answers
Presenters: USEPA – Bill Long, CRCPD – Joe Klinger (Radon Hero Award), AARST – Shawn Price (Radon Award) , Other Awards – (TBD)

Afternoon Moderator: Shawn Price

Session Topic: Adapting to a Changing Budget Paradigm

- 1:30 - 2:10 *Variations in Multi Family Standards HUD Policy Letter Review:* Moderator or Hilary Atkin
AARST / ANSI Measurement and Mitigation Standards: Gary Hodgden
2:10 - 2:55 *Mitigation Challenges and Approaches to Multi Family Housing Panel*
2:55 – 3:15 *Q&A*
3:15 - 3:45 *Break / Exhibits – (PCCC)*
3:45 – 4:45 *Center for Disease Control – Cancer Plan*
CDC Perspective – Dr. Toni Neri
Iowa Cancer Consortium
Utah – Christine Keyser
Minnesota Radon Awareness Act & the Cancer Control Plan – Dan Tranter
- 4:45 - 5:00 *Q&A*
5:00 *Adjourn*

Night Out At The Lincoln Museum - Monday Night!



MONDAY SPOUSE EVENT Lincoln Walking Tour

Join the Heartland Chapter's popular annual Spouse Event. This year, you will discover the real "Land of Lincoln"...visiting such famous sites as the Lincoln Law Office, the Old State Capitol, and Lincoln's home. You might also hear some eery and fascinating Lincoln Ghost Walk stories.

Date: Monday, September 23

Time: 8:30am

Cost: \$40 per person (excluding lunch)

For details, contact Gary Boesker at 620-628-4856 or boesinsp@hometelco.net

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SYMPOSIUM PREVIEW

Preliminary - Subject to Change

Tuesday – September 24, 2013

AARST Track I and Track II

Note: Symposium attendees with AARST floor passes may attend publicly scheduled CRCPD National Radon Training Meeting sessions at no extra charge, and CRCPD attendees may attend these Symposium sessions. No additional badges are required and attendees are invited to attend any of these workshops and presentations.

Morning

Time	Track I	Track II
8:00 - 8:20	Welcome: Shawn Price, AARST President <i>AARST is Creating New Opportunities For Radon Professionals</i>	
8:20 - 8:45	<i>Why Radon Advocates Can Change the World for the Better – What I Have Learned</i> Gloria Linnertz	Basement Health Association: Sump Pumps Dan Jagers
8:45 - 9:05	<i>The Diurnal Cycle: Ignoring It May Nullify Measurements and Skew Risk Assessment Based Upon Short-Term Measurements</i> - Harry Grafton	New Opportunities for Radon - HUD Multi-family Testing and Multi-Family Mitigation - Bruce Snead, PAB Chair
9:05 - 9:45	<i>Potential Radon Release During Fracking In Colorado</i> James F. Burkhart, Ph.D.	Business Savvy - Quickbooks Course: Accounting For Small Operations - Elaine Spearie, Epperson & Associates, P.C. Springfield IL
9:45 - 10:15	Break / Exhibits	
10:15 - 10:40	<i>Vapors From Radon Mitigation Supplies</i> Michael E. Kitto, Ph.D.	Safety in the Workplace <i>Confined Space Entry Access and/or Environmental Hazards</i> - OSHA
10:40 - 11:05	<i>Radon and Solvents: A Preliminary Inquiry Into the Potential for Combined Effects on Cancer</i> Henry Schuver, DrPH	Confined Space Entry (Continued)
11:05 - 11:30	<i>Measuring Radon Concentrations Inside A Large Hospital in Saudi Arabia</i> Hasan M Al-Khateeb, Ph.D.	Business Savvy - How To Start A Radon Business David Daniels, AARST Mitigator (Take quiz to receive 0.5 Cat I NRPP C.E. credit.)
11:30 - 12:00	<i>Canadian Guidance For Public And Occupational Exposure To Radon</i> - Arthur Scott	Business Savvy - AARST's Liability Insurance Protecting Professionals, Liability and Bonding Steven Riggs, AAI, Nelson Insurance Agency
12:00 - 1:30	AARST Luncheon and Annual Meeting	

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For Hotel Registration, Call the President Abraham Lincoln Hotel, 866-788-1860 (U.S. and Canada) or 217-544-8800. Request the AARST Group Rate.

AARST ESTABLISHES NEW NONPROFIT FOUNDATION

The following appeared in a recent AARST Press Release:

The American Association of Radon Scientists and Technologists is pleased to announce the establishment of a charitable non-profit, AARST Foundation,. The new organization has recently received approval from the Internal Revenue Service to operate under a 501 (c) (3) tax exempt status , which allows contributions to the foundation to be tax deductible. AARST Foundation was created exclusively for charitable, religious, educational, and scientific purposes, including the making of distributions to organizations that qualify as exempt organizations under section 501(c)(3) of the Internal Revenue Code.

AARST Foundation has a separate governing board from the AARST Board and intends to raise funding to assist with radon related research, standards development, and social justice efforts for radon risk reduction in low income housing areas. The foundation is already beginning work with grant writers to develop relationships with other foundations and organizations that will support radon research and radon social justice initiatives.

The officers of the new foundation include:

President - Kyle Hoylman
 Treasurer - Willam Rounds
 Secretary - Calvin Murphy
 Board Members - Rudy Bess and Dr. Ellen Hahn

A bike ride fundraising event will be held September 21, 2013 in Springfield, Illinois to raise money for both the AARST Foundation and the American Lung Association of the Upper Midwest for their efforts to promote radon risk reduction activities and to prevent lung disease. This fundraising event will occur the day before the beginning of the AARST International Radon Symposium. See page 7 for additional details about this fundraiser.

SYMPOSIUM EXHIBITOR AND SPONSOR OPPORTUNITIES



The Exhibit Hall provides the backdrop for the Symposium Welcome Reception and Breaks.

2013 Symposium attendees will include hundreds of radon industry professionals, representatives from the basement health industry, and - thanks to training classes that are being held by ALA and Illinois - code officials and contractors.

This is an invaluable opportunity for anyone who provides products and services not only to radon testing and mitigation professionals but to small businesses in general. The cost of an exhibit booth is just \$825. Sponsorships start at only \$50 (to be listed as a Friend of AARST), event sponsorships range from \$150 to \$700, and Bronze, Silver and Gold Sponsor fees are \$600, \$1000 and \$2000 respectively.

For more information about becoming an Exhibitor or Sponsor, please go to the Symposium website, www.internationalradonsymposium.org and download a Prospectus.

SYMPOSIUM PREVIEW

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Tuesday – September 24, 2013 AARST Track I and Track II

Note: Symposium attendees with AARST floor passes may attend publicly scheduled CRCPD National Radon Training Meeting sessions at no extra charge, and CRCPD attendees may attend these Symposium sessions. No additional badges are required and attendees are invited to attend any of these workshops and presentations.

Afternoon

Time	Track I	Track II
1:30 - 1:50	<i>The Effect of Energy Efficient Construction Technologies on Indoor Radon</i> - Wolfgang Ringer	<i>Basement Health Association: Crawl Spaces & Safety</i> Tom Saucier
1:50 - 2:10	<i>Impact of the New Basic Safety Standards in the Spanish Radon Program</i> Luis S. Quindos Poncela, Ph.D.	<i>New Opportunities for Radon Vapor Intrusion Requires a Step Up, New Standards, Greater Expertise</i> - Tom Hatton, AARST Radon Mitigator, Clean Vapor, New Jersey
2:10 - 2:30	<i>Super Moon 2012 Sheds Light on Radon Gas Migration</i> - Mark Whitehead	<i>Policy and Growth RRNC 2.0 as an IRC Building Code</i> Dave Kapturowski, RRNC 2.0 Chair
2:30 - 2:50	<i>Applying Dynamic Controls and Remote Monitoring to Radon Mitigation Systems to Advance Energy Conservation and the Stabilization Of Indoor Radon Concentrations</i> - Thomas E. Hatton	<i>Basement Health Association: Open and Closed Systems</i> - Hugo D'Esposito
2:50 - 3:20	Break / Exhibits	
3:20 - 3:40	<i>The Radon Badge For Solving Existing Problems For Radon Measurements</i> - L Tommasino, Ph.D.	<i>Basic First Aid and Hands Only CPR & For Radon Professionals</i>
3:40 - 4:10	<i>Measurement Of Thoron And Its Progeny In Traditional And Modern Earthen Buildings In Germany: Methodology And Results</i> - Oliver Meisenberg, Ph.D.	<i>Basic First Aid (Continued)</i>
4:10 - 4:30	<i>An Evaluation Of Radon Mitigation System Installations Demonstrates A Need For Improvement</i> Susan M. Martino and Patty Dooley-Strappelli	<i>Basic First Aid (Continued)</i>
4:30 - 4:50	TBA - Open Space or AARST Presentation	

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SYMPOSIUM PREVIEW

Preliminary - Subject to Change

Wednesday – September 25, 2013

AARST Track I and Track II

Note: Symposium attendees with AARST floor passes may attend publicly scheduled CRCPD National Radon Training Meeting sessions at no extra charge, and CRCPD attendees may attend these Symposium sessions. No additional badges are required and attendees are invited to attend any of these workshops and presentations.

Morning

Time	Track I	Track II
8:10 - 8:20	<i>RECAP of Previous Day's Papers</i>	<i>GREAT Answers to Common Questions from the Field</i>
8:20 - 9:00	<i>Advanced Calibration Equations For E-Perm® Electret Ion Chambers</i> - Paul Kotrappa, Ph.D.	<i>GREAT Answers (Continued)</i>
9:00 - 9:20	<i>Adapting Radon Systems For Vapor Removal In Commercial Buildings: A Case Study</i> - Tony McDonald	<i>Professional Ethics in the Radon Industry (9:00 - 10:15)</i> - Trudy Smith, Spruce Environmental (Take quiz to receive 1 Cat I NRPP C.E. credit.)
9:40 - 10:00	<i>Radon exposure and medical geology: Is predictive mapping a way to go?</i> Stephanie L. Douma, MSc., P.Geo., PHRAM (Cert.)	<i>10:15 New Opportunities for Radon Fix the Building Not the Unit! Multifamily Building Challenges</i> - Tony McDonald, AARST Board Member
10:00 - 10:30	Break / Exhibits	
10:30 - 10:55	<i>Radon Risk Communication Strategies: A Regional Story</i> - Winnie Cheng, Canada	Open
10:55 - 11:40 or 12:00	<i>Nuts and Bolts and Credibility Measurement Professional Panel: QA/QC – Why Charting and Performance Testing are vital to the Profession</i> - Dr. Phil Jenkins, Dr. Jim Burkhart	<i>Nuts and Bolts (10:55 - 12:00) Mitigators Meet Freddy Krueger's Houses From Heck</i>
11:40 - 12:00	<i>The AARST Foundation – a 501 (c) (3) Moving forward on social justice issues and advancing the science of radon.</i>	<i>Nuts and Bolts (Continued)</i>
12:00	Symposium Sessions and Exhibition Hall End	
Afternoon		
1:00 - 3:00	Symposium attendees are invited to attend the CRCPD Wednesday afternoon session.	

REGISTER NOW FOR THE AARST ANNUAL INTERNATIONAL RADON SYMPOSIUM. TO REGISTER, GO TO THE AARST ONLINE BOOKSTORE AT AARST.ORG

For Hotel Registration, Call the President Abraham Lincoln Hotel, 866-788-1860 (U.S. and Canada) or 217-544-8800. Request the AARST Group Rate.



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