

# **Radiant Professionals Alliance**

ANNUAL MEMBERSHIP MEETING & CONFERENCE



## CATCH UP WITH YOUR RPA!

You'll be amazed at all that's happening at the RPA these days.  
Get updated on:

- The industry's first hydronics and radiant code
- Our new designer/installer certification program
- Get the latest energy news out of Washington

Meet with manufacturers, learn about your industry and  
see what's new for 2016!

in conjunction with



#### EVENT SPONSORS



# schedule

MONDAY,  
JANUARY 25, 2016

8 a.m. – 9:30 a.m.

## **How to Specify Hydronic Heating, Cooling, and Hybrid Air Systems**

Location: S320D

Instructors: Lance MacNevin and Devin Abellon

9 a.m. – 10:30 a.m.

## **NAECA and Not Afraid: Meeting and Exceeding New Energy Efficiency Standards**

Location: S320E

Instructors: David George and Dave Yates

10:30 a.m. – 12 p.m.

## **No Sweat Cooling in a High Humidity Environment Using Radiant Surfaces**

Location: S320E

Instructors: Greg Cuniff, Jason Nelson and Ryan Westlund

11:30 a.m. – 1 p.m.

## **How to Make Your Business Stronger Incorporating New IAPMO Codes and ASSE International Professional Standards**

Location: S320B

Instructor: Mark Eatherton

2 p.m. – 3:30 p.m.

## **Successes and Faceplants: Lessons Learned from All-Star Contractors**

Location: S320D

Instructors: Bob "Hot Rod" Rohr, Ken Barney and Timothy Cutler

TUESDAY,  
JANUARY 26, 2016

8 a.m. – 9:30 a.m.

## **Troubleshooting Radiant Heating and Cooling Systems**

Location: S320E

Instructor: Ken Barney

Noon – 2 p.m.

## **RPA Business Meeting & Luncheon**

Location: N330AB

**RSVP by 1/11/16 to [denise.voorhees@iapmo.org](mailto:denise.voorhees@iapmo.org)**

*This meeting we will be providing information on the status of the many initiatives the RPA is working on, and allow our contractor members an opportunity to help us chart future functions that will benefit them as members of our organization. We will also be having round table discussions during this meeting. Please join us as we look forward to seeing you there.*

TUESDAY,  
JANUARY 26, 2016

6 p.m. – 8 p.m.

## **RPA Annual Social Event**

Location: Tommy Bahama at Pointe Orlando  
9101 International Drive #1200

**RSVP by 1/11/16 to [denise.voorhees@iapmo.org](mailto:denise.voorhees@iapmo.org)**

*Socialize with longtime RPA members and meet the Board of Directors, committee chairs, and executive director, watch as we transfer the Carlson-Holohan Industry Award of Excellence to the next recipient, and help us celebrate Dan Holohan's birthday and retirement. Attendees will enjoy light snacks, adult beverages, and good conversations.*

**Presented by Plumbing & Mechanical Magazine**

PM Live (Morning & Afternoon Sessions)

**To register for PM Live Sessions**

**please visit [www.pmlivesymposium.com](http://www.pmlivesymposium.com)**

**Stop by the RPA booth #3659 to win tickets to PM Live**

8:30 a.m. – 12 p.m.

## **Hydronic Heat Pump Systems: The latest design concepts**

Instructor: **John Siegenthaler**, Appropriate Designs

*Several types of heat pumps can be used with hydronic heating and cooling distribution systems. These include water-to-water heat pumps supplied by geothermal sources, as well as air-to-water units. The session will discuss the latest applications and hydronic design details that allow these heat pumps to operate at peak efficiency in space heating and cooling applications, as well as in combisystems that also supply domestic hot water. You'll learn the latest control details, how to integrate thermal storage, and even how to provide for radiant cooling. This knowledge will help you design systems that can supply the thermal requirements of net zero buildings, while also delivering superior comfort.*

1 p.m. – 4:30 p.m.

## **What Hydronics Taught Holohan**

Instructor: **Dan Holohan**, HeatingHelp.com

*Dan has written 17 books and hundreds of magazine articles. He knows that the best way to share ideas is through stories. It makes learning both fun and painless. Dan will recount the places he's been, the people he's met, the crazy things that have happened on jobs, how Hydronics has changed (and not changed) along the way, and what Hydronics has taught him. This is Dan's very last presentation. You don't want to miss this one!*

WEDNESDAY,  
JANUARY 27, 2016

8 a.m. – 9:30 a.m.

## **Get the Word Out: Q&A with Marketing Gurus**

Location: S320E

Instructors: Ashlei Cooper, Erin Haskell and Bob Miodonski

## education classes – Monday, January 25

---

8 a.m. – 9:30 a.m.

Location: S320D

### **How to Specify Hydronic Heating, Cooling, and Hybrid Air Systems**

Instructors: **Lance MacNevin**, Plastics Pipes Institute;

**Devin Abellon**, Uponor

*Lance MacNevin of the Plastic Pipe Institute and Devin Abellon of Uponor will explain the best ways to specify your product for engineers. They will also detail how to build a unique spec that sets itself apart. This class will be most helpful for manufacturers and engineers.*

9 a.m. – 10:30 a.m.

Location: S320E

### **NAECA and Not Afraid: Meeting and Exceeding New Energy Efficiency Standards**

Instructors: **David George**, Lochinvar;

**Dave Yates**, F.W. Behler

*How do new codes and energy standards affect the systems you install? David George of Lochinvar and Dave Yates of F.W. Behler will explain the ins and outs of the standards from a manufacturing and installing contractor's standpoint.*

10:30 a.m. – 12 p.m.

Location: S320E

### **No Sweat Cooling in a High Humidity Environment Using Radiant Surfaces**

*Greg Cunniff of Taco, Jason Nelson of tekmar, and Ryan Westlund of Rehau will detail best practices for utilizing radiant cooling while staying away from dew point on radiant surfaces. The class will be a mix of control strategies and installation techniques. The material presented will be suitable for contractors, engineers, and manufacturers.*

11:30 a.m. – 1 p.m.

Location: S320B

### **How to Make Your Business Stronger Incorporating New IAPMO Codes and ASSE International Professional Standards**

*Mark Eatherton, Executive Director of the RPA, will show us the highlights of the new 2015 Uniform Solar Energy Hydronics Code. He will explain its impact on established business's and explain to the startups what they need to do to get prepared for this new code to assure compliance. He will also disclose the status of the ASSE Professional Qualifications Standard, and the certification program for hydronic radiant installers, and hydronic radiant designers. This is an ANSI recognized PQ program, developed by the RPA in conjunction with ASSE, International. This class is geared towards both installers and designers of hydronic/radiant heating and cooling systems.*

2 p.m. – 3:30 p.m.

Location: S320D

### **Successes and Faceplants: Lessons Learned from All-Star Contractors**

*Expert contractors Bob "Hot Rod" Rohr, Ken Barney, and Timothy Cutler will share stories and photos of jobsites from their careers. Some will be tales of warning from projects gone wrong, and some will be home run case studies. Contractors will be the target audience.*

## education classes – Tuesday, January 26

---

8 a.m. – 9:30 a.m.

Location: S103bc

### **Troubleshooting Radiant Heating and Cooling Systems**

Instructors: **Ken Barney**, Contractor

*Contractor Ken Barney will provide technical strategies for diagnosing troublesome systems. Basic and advanced techniques will be covered for all types of systems. The class will target a contractor audience.*

## education classes – Wednesday, January 27

---

8 a.m. – 9:30 a.m.

Location: S320E

### **Get the Word Out: Q&A with Marketing Gurus**

Instructors: **Ashlei Cooper**, PHC News and

Plumbing Engineer magazines;

**Eric Haskell**, Heatinghelp.com; and

**Bob Miodonski**, Plumbing & Mechanical, PM Engineer, Supply House Times and Reeves Journal

*The panel has a wealth of experience in digital and print media. The presentation will be a question and answer format. Manufacturers, engineers, and contractors alike will benefit from this class.*



Devin Abellon

Mr. Abellon is an ASHRAE Distinguished Lecturer and a registered professional engineer with over 20 years of experience in the HVAC field. As a business development manager for Uponor North America, he works closely with engineers, contractors, and building owners throughout the country. Mr. Abellon earned his B.S. degree in mechanical engineering from the University of California at Santa Barbara in 1993.



Ken Barney

Currently a Master plumber in Utah, involved in this trade for over 31 years. One of 2 owners of Thornton Plumbing and Heating an 82 year old company focusing on Hydronics. I specialize in evaluating systems and provide complete solutions to make systems perform better and more efficiently than ever.



Ashlei Cooper

Multimedia storyteller with a background in B-2-B, philanthropic, minority and academic niches, Ashlei Cooper is the editorial director of PHC News and Plumbing Engineer — magazines owned by TMB Publishing. Ashlei has offered writing, editing and social media expertise to the company since 2013. She has a B.A. from Spelman College and M.S. from Northwestern University.



Greg Cuniff

The Manager of Application Engineering for Taco, Inc., Greg Cuniff, PE, has published a number of technical articles in HVAC publications and authored white papers. He is also coauthor of a new textbook, "Modern Geothermal HVAC Engineering and Control Applications," published by McGraw-Hill Education.

Greg previously was a consulting engineer, a temperature controls contractor, a manufacturer's representative and a design build contractor. He has developed engineering software, continuing education programs and award winning new products. He has spoken at numerous industry events. He can be reached at gregun@bresnan.net.



Timothy Cutler

Tim Cutler is a fully licensed plumbing and gas fitter, as well as the recipient of a whole host of credentials and awards in the HVAC industry. Tim has over 30 years experience in HVAC design, installation and service and is a trusted master of hydronics and geothermal systems.



Mark Eatherton

Mark Eatherton is the executive director of the RPA and has more than 30 year's worth of practical field experience and design capabilities in the commercial and residential hydronic heating field. His work experience includes water conservation, solar heating of domestic hot water and space heating applications, domestic plumbing, refrigerant waste heat recovery, radiant floor heating systems, large commercial snowmelt systems and conventional hydronic heating systems.



David George

David A. George is a Product Manager at Lochinvar, LLC in Lebanon, TN. David is a 27 year veteran of Lochinvar and he is responsible for Lochinvar's broad line of residential and commercial water heater, pool heaters and tanks



Erin Haskell

Erin Holohan Haskell is Marketing Director of HeatingHelp.com, the #1 online resource for heating answers. Erin's expertise helped the website engage over 1.7 million users last year. Prior to HeatingHelp.com, Erin ran a marketing and design firm in the Washington, DC-area for twelve years. She will become President of HeatingHelp.com in May 2016.



Lance MacNevin

Lance MacNevin, P.Eng. has over 20 years of experience in hydronic radiant heating and cooling applications as a system designer and trainer, along with expertise in mechanical codes and piping standards. Lance is the Director of Engineering for the Building & Construction Division of the Plastics Pipe Institute.



Bob Miodonski

Bob Miodonski attended his first RPA convention in 1995. He was the first editor of Radiant Living magazine, and later its publisher. Today, Bob is the publisher of two RPA publications: Radiant Comfort Guide and Radiant & Hydronics Report. He is Group Publisher of BNP Media's Plumbing Group, which consists of industry-leading print and digital magazines, websites and e-newsletters. Titles include: Supply House Times, Plumbing & Mechanical, PM Engineer and Reeves Journal magazines; Bath & Kitchen Pro e-News; PVF e-News; Radiant & Hydronics e-News; and www.RadiantAndHydronics.com.

Bob has covered the plumbing, piping and radiant heating-and-cooling industry for 26 years as an editor and publisher of business-to-business construction magazines. He previously worked in the newspaper business as a reporter and editor. He holds a bachelor's degree from Vanderbilt University, where he graduated summa cum laude, and a master's degree from the Northwestern University Medill School of Journalism, where he also has worked as a part-time instructor.





Jason Nelson

Jason joined tekmar Control Systems in 1999 as an Applications Engineer. Academically, Jason holds an Bachelor of Science in Mechanical Engineering (B.Sc.) degree from the University of Calgary. Professionally, Jason has more than 16 years work experience in the HVAC industry, specializing in Product Management. As a Product Management lead, his experience includes researching market opportunities, trends and new product applications, plus specification development for both tekmar and Original Equipment Manufacturer (OEM) products. With a previous role as an Account Sales Coordinator for the Eastern US market, his experience includes developing and enhancing the sales distribution network, product application training, customer service of existing products and promotional marketing.



Bob "Hot Rod" Rohr

Bob "Hot Rod" Rohr, training and education manager for Caleffi Hydronic Solutions — a hydronic, solar, thermal, and renewable energy component manufacturer — carries a big hydronics industry legacy dating back to the 1970s. A regular presenter and trainer for various trade groups, including ASHRAE, ASPE, RPA, CMX Ciphex, COSEIA, and numerous manufacturers' representatives, wholesalers and trade associations over his 30-plus year career, Rohr's hands-on experience lends itself well in his regular contributions to PHC News and Mechanical Business, where he puts his rubber-to-the-road experiences to pen.

Founder of Hot Rod & Vox Plumbing, Heating and Solar in 1978, Rohr has served as president of the RPA Board of Directors and has been an active member since 1992. A favorite speaker in the popular Coffee with Caleffi™ webinar training series, Bob delights the audience with his expertise and quick wit.



Ryan Westlund

Ryan Westlund is the Business Unit Manager of Commercial Projects within the Building Solutions Division at REHAU's North American headquarters in Leesburg, Virginia. He has worked under seasoned European cooling experts at REHAU's global headquarters in Erlangen, Germany, transitioning decades of European knowledge of radiant systems to the North American market. His expertise in commercial cooling has led to projects around the globe, from Indiana to India.

Westlund holds a bachelor's degree of science in mechanical engineering from Rose-Hulman Institute of Technology, along with a technical translation degree in German. Most recently he completed a master's degree of science in Sustainability Management from American University's Kogod School of Business.



Dave Yates

Dave began his career in the PHVAC trades in 1972. After serving his apprenticeship and working up to Master Plumber status in 1985, Dave returned to the company where he had served his apprentice years and purchased F. W. Behler, Inc., a third generation PHVAC firm. Dave's company has won numerous awards for their work and Dave was the first recipient of the international Carlson-Holohan Industry Award of Excellence. Dave is a past executive board member of the Radiant Panel Association.