

For Immediate Release

April 1, 2009

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Uponor Releases 2009 Webinar Schedule, Featuring Radiant Industry Expert Robert Bean

The dates for Uponor's 2009 radiant webinar schedule are now available and ready for registration by visiting www.uponor-usa.com/training and selecting Online Classes. These live webinars, hosted by Robert Bean, a registered engineering technologist in construction engineering technology and an expert in radiant heating and cooling, are delivered free to industry professionals interested in developing their education and careers in the radiant heating and cooling market.

Attendees can also earn Learning Units (LU) toward professional development, as required by the American Institute of Architects/Continuing Education System (AIA/CES) as well as Professional Development Hours (PDH) as required by the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE).



Robert Bean of HealthyHeating.com hosts webinars for Uponor, an AIA/CES registered provider.

Architects can earn one (1) AIA LU by attending the Thermal Comfort, Radiant Heating and Cooling, Snow and Ice Melting, or Frost Prevention webinars.

Thermal Comfort addresses the basics of human physiology as it relates to thermal sensations and their relationship to health, safety and wellness. Topics include specifications for interior thermal conditions to meet the parameters of ANSI/ASHRAE Standard 55 and the relationship between indoor comfort and indoor air quality with reference to ANSI/ASHRAE Standard 62 — Ventilation for Acceptable Indoor Air Quality.

Radiant Heating and Cooling discusses how radiant-based heating and cooling systems influence health, wellness and safety in the context of industry codes and standards. Topics include radiant heating and cooling terminology; types of radiant surfaces and sub-assemblies; and basic mechanical equipment and thermal design criteria for radiant-conditioned spaces.

Snow and Ice Melting covers common snow and ice melting applications — walks, ramps, drives, helipads, stairs — and how to evaluate and meet client needs and performance expectations in these areas. The course will also address the required design criteria for evaluating thermal-melting loads.

Frost Prevention focuses on creating safe conditions for facility users and onsite employees by preventing structural damages, which can result from frost heaving in sports facilities or in cold-storage buildings. This includes the prevention of frost in building slabs under skating/curling ice surfaces, food freezers/food storage and warehouses.

Subject to local chapters, engineers can earn one (1) ASHRAE PDH by attending The Human Factor in HVAC, Radiant-based HVAC Systems, or Snow Melt webinars.

The Human Factor in HVAC reviews influencers affecting wide-scale adaptation of indoor environmental quality into the built environment. It includes a brief study in demographics and socioeconomic conditions, and presents solutions based on health and wellness supported by a basic study in thermal comfort (ASHRAE 55) and indoor air quality (ASHRAE 62).

Radiant-based HVAC Systems covers the basics of incorporating radiant into the design of buildings and HVAC systems. It includes a brief history of radiant as well as a look at relevant ASHRAE standards as they pertain to indoor environmental quality. The webinar discusses design tools, such as FEA and thermography, which lead into human design factors as they relate to ASHRAE 55 and 62. The presentation concludes with a look at design processes and instrumentation for studying radiant heating and cooling systems.

Snow Melt covers design principles based on the four C's (client, control, construction and calculation). It includes a study, using industry software, of how storm characteristics influence design, performance and operating costs.

The hour-long, online sessions are offered twice daily at 12 p.m. or 8 p.m. Eastern Standard Time (EST). Questions regarding the webinars or registration can be directed to Jodi Staub, Uponor training and technical products specialist, at jodi.staub@uponor-usa.com or 800.321.4739, ext. 5333.

The 2009 webinar schedule includes the following dates:

April 13	Radiant Heating and Cooling
April 20	The Human Factor in HVAC
May 11	Thermal Comfort
May 18	Radiant-based HVAC Systems
June 8	Frost Prevention
June 15	Snow and Ice Melting

July 13	Snow Melt
July 20	The Human Factor in HVAC
Aug. 10	Radiant Heating and Cooling
Aug. 17	Radiant-based HVAC Systems
Sept. 14	Thermal Comfort
Sept. 21	Snow and Ice Melting
Oct. 12	Frost Prevention
Oct. 19	The Human Factor in HVAC
Nov. 9	Snow Melt
Nov. 16	Radiant-based HVAC Systems
Dec. 7	Radiant Heating and Cooling
Dec. 14	Snow and Ice Melting

Series host Robert Bean, a Distinguished Lecturer for ASHRAE, and an avid student of industrial design and indoor environmental ergonomics, volunteers his knowledge with industry groups across North America, while managing www.healthyheating.com, a not-for-profit site on anthropology, architecture and radiant-based HVAC systems.

“These webinars are a useful tool for professionals looking to expand their knowledge of indoor environments and energy efficiency,” says Bean. “In fact, there has never been such a critical time in architecture, where the application of knowledge gained today through affordable AIA/CES programs could have lasting benefits on future generations.”

“Since 1993, Uponor has been the leader in offering valuable training tools for professionals in the building industry — whether through factory training programs, onsite training or online classes,” says Steve Lockridge, senior manager, Channel Marketing, at Uponor. “Partnering with Robert Bean to offer these free webinars enables us to continue our mission of providing valuable resources to our partners in the industry.”

Uponor Corporation is a leading supplier of plumbing, fire safety and radiant heating and cooling systems for the residential and commercial building markets across North America and Europe, and a market leader in municipal infrastructure pipe systems in the Nordic countries. Uponor Corporation employs 3,800 people in 27 countries and is listed on the NASDAQ OMX Helsinki Ltd., Finland.

Uponor, Inc. is headquartered in Apple Valley, Minn. For more information, visit www.uponor-usa.com or call (800) 321-4739.

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For more information about Uponor, visit the Uponor media room at <http://www.lnccommunications.com/uponor-media.html>

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Hi-res versions of a photograph to accompany this release are available for immediate download in .tif format by using this link: <http://www.LNCmail.com/pr09/up0928/webinars.html>

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