



**FOR IMMEDIATE RELEASE**

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**Trane Leaders Discuss Innovative Ideas and Real-World Solutions  
at ASHRAE and SPIDA Conferences**

**Dallas, Jan. 28, 2013** – Industry experts from [Trane](#), a leading global provider of indoor comfort solutions and services and a brand of [Ingersoll Rand](#), will offer innovative ideas and practical real-world solutions by presenting, serving as panelists and chairing events at both the ASHRAE and Spiral Duct Manufacturers Association (SPIDA) conferences which are held concurrently with the AHR Expo.

Trane experts will present and participate in a variety of panels and forums discussing industry-related topics ranging from the benefits of green ductwork and thermal properties of new lower global warming potential (GWP) refrigerants to the smart grid and achieving more efficient energy codes.

**Trane Leader Speaking at the SPIDA Conference**

**Eugene Smithart, P.E. (professional engineer), director of systems and solutions at Trane**, in collaboration with the Spiral Duct Manufacturers Association, will address how round ductwork can achieve the same results using up to half the poundage of ductwork required by conventional rectangular ductwork systems, resulting in lower costs, lower duct heat pick up, less leakage and less space.

***Presentation details:** Green Ductwork Done Right on Tuesday, Jan. 29, 2013, 10:30 a.m., room D164, at the Dallas Convention Center*

**Trane Leaders Presenting at the ASHRAE Conference**

**Ken Schultz, heat transfer engineer for Trane, La Crosse, Wis.**, will chair a seminar that explores the performance of refrigerants that have lower GWP than the refrigerants currently used by the heating, ventilation and air conditioning (HVAC) and refrigeration industry.

***Presentation chaired by Ken Schultz:** Fundamental Thermal Properties of New Lower GWP Refrigerants, on Sunday, Jan. 27, 3 – 5 p.m., Lone Star Room, A3, Sheraton Dallas*

**Don Brandt, Trane control project manager, Phoenix, Ariz.**, will chair a seminar where a member of the Energy Targets the Multidisciplinary Task Group (MTG) presents the highlights of the Energy Targets Adhoc report and research work statement.

***Session chaired by Don Brandt:** Energy Targets for the Future, on Monday, Jan. 28, 9:45 -10:45 a.m. in Dallas B, Sheraton Dallas*

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**Mike Filler, P.E., and a Leadership in Energy and Environmental Design accredited professional (LEED AP), product manager for Trane Water-Cooled Rotary Chillers, Pueblo, Colo.,** will chair a seminar on the smart grid featuring two case studies. The first focuses on a control system that has been operating a building with ice storage on real-time pricing for the past four years. A second study details how grid-connected and integrated electric storage space and water heaters, utilizing smart controls, affect the smart grid.

**Seminar chaired by Mike Filler:** *Grid-Interactive Thermal Energy Storage – Challenges...Real-Time Pricing on Monday, Jan. 28, 9:45 -10:45 a.m., Lone Star A2, Sheraton Dallas*

**Alan Ash, systems application leader for Trane, Carrollton, Texas,** will present a case study including results with an automatic control system that has been operating a building, with ice storage on real time pricing, in Texas for the past four years.

**Case Study Presentation by Alan Ash:** *Using Ice Storage with Real Time Pricing - A Case Study from Texas on Monday, Jan. 28, 9:45 -10:45 a.m., in Lone Star A2, Sheraton Dallas*

**Mick Schwedler, P.E., manager of applications engineering for Trane in La Crosse, Wis.,** who is recipient of ASHRAE's Distinguished Service and Standards Achievement Awards, will chair a forum about how people use apps on their cellular devices to help complete project work quickly. Discussion will include: What other apps are needed? How would they help productivity? Should they be developed by ASHRAE?

**Forum chaired by Mick Schwedler:** *ASHRAE Apps: What Do You Want? Do They Need To Be Free? on Monday, Jan. 28, 9:45 - 10:45 a.m., in Room Lone Star A1, Sheraton Dallas*

**Dennis Stanke, staff applications engineer for Trane, La Crosse, Wis.,** who is the chair of SSPC 189.1 will report on actions related to Standard 189.1. These actions are expected to take place during committee meetings in Dallas. Updates on these expected actions provide current and valuable news related to new addenda, change proposals, public reviews and interpretations.

**Presentation by Dennis Stanke:** *Standard 189.1 on Monday, Jan. 28, 2:30 – 4 p.m., in Dallas C, Sheraton Dallas*

**Paul Solberg, application engineer for Trane, La Crosse, Wis.,** will present an overview of the changes to the new SPC147- Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems. The seminar will summarize the changes and how it affects new and installed equipment. This presentation features the best practices to prevent loss of refrigerant.

**Presentation by Paul Solberg:** *Zero Refrigerant Emissions: What's Changing in the New SPC 147 Standard on Wednesday, Jan. 30, 8 - 9:30 a.m., in Lone Star 4A, Sheraton Dallas*

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#### About the Speakers

**Eugene Smithart, P.E., LEED AP**, is director of systems and solutions for Trane. He is well known in the HVAC industry, having published numerous industry articles and having key involvement in a number of industry changing initiatives. Smithart is a recipient of the United States Environmental Protection Agency Climate Protection award. At the time of the receipt, he was only one of five people in the world to have received this prestigious award. He is a former Marine and received his Bachelor's of Science degree in chemical engineering from the University of Iowa.

**Ken Schultz** has been with Trane more than 20 years. He is a thermal system/heat transfer engineer focused on chiller technology and product development. Currently he is working on the evaluation and testing of the next generation of low GWP refrigerants. Prior to this, he contributed to the development and design of the Horizon absorption chiller product line and worked on vapor compression systems, investigating improvements to CTV Evaporator performance and managing the technical relationship with Trane vendors for enhanced chiller tubes. He has been an active member of ASHRAE since 1988 and has served as the research subcommittee chair for TC 8.5 (Liquid-to-Refrigerant Heat Exchangers) for the past 10 years.

**Mike Filler, P.E., LEED AP**, is the product manager for Trane Water-Cooled Rotary Chillers, based in Pueblo, Colo. He started his career in 2000 with the Trane C.D.S. group – supporting design and analysis software and training, such as Trace™ 700. While a part of the C.D.S. team, Filler managed the Trane Acoustics program and spent time training others to use the selection program – TOPSS. From late 2002 to 2006, he worked in the airside products group at York International/Johnson Controls focusing most of his efforts on their under-floor air products. During this time he became active with some of ASHRAE's technical committees where he still serves. Filler has a degree in mechanical engineering from Clarkson University.

**Alan Ash, LEED AP**, is a systems application leader for Trane. Ash has more than 41 years of experience implementing HVAC solutions. He is also certified in building automation system software including Trace Energy Analysis and has earned numerous awards, including the Sales Manager Excellence Award and Top Ten Club. He holds a Bachelor of Engineering Science degree from Louisiana State University. Ash is an active member of ASHRAE, the United States Green Building Council, Associated Builders and Contractors, and the North Texas Association of Energy Engineers. He was the 2010 chairman of the Dallas Regional Chamber's Sustainability Technologies committee.

**Mick Schwedler, P.E., LEED® AP**, is manager of applications engineering for Trane where he has been involved in the development and support of HVAC systems since 1982. In this role, his areas of expertise include system optimization (in which he holds patents) and chilled water system design. His primary activities include assisting designers in proper application of Trane solutions and systems in buildings, and writing system application manuals and newsletters. Schwedler holds a Master of Science degree in mechanical engineering from the University of Wisconsin Solar Energy Laboratory and a Bachelor of Science degree in mechanical engineering from Northwestern University.

**Dennis Stanke, ASHRAE Fellow**, serves as staff applications engineer. Stanke joined Trane in 1973, as a controls development engineer. He now specializes in airside systems including controls, ventilation, indoor air quality and dehumidification. Stanke holds a Bachelor of Science degree in mechanical engineering from the University of Wisconsin. Stanke is formerly a member of the United States Green Building Council LEED Technical Advisory Group for Indoor Environmental Quality (the EQ TAG) and formerly chairman for ASHRAE Standard 62.1, "Ventilation for Acceptable Indoor Air Quality." He now serves as chairman for ASHRAE Standard 189.1, "Standard for the Design of High-Performance Green Buildings."

**Don Brandt**, a control project manager, joined Trane in 1974 as a sales engineer. Among his many professional affiliations, Brandt is a member of the Institute of Electrical and Electronic Engineers (IEEE) since 1972. He is also a member of ASHRAE and has served on the TEGA Board of Directors, Standards, CEC, PDC and the nominating committees. He holds a Bachelor of Science degree in electrical engineering from Penn State University.

**Paul Solberg**, applications engineer, is a 33-year veteran of Trane. A graduate of the University of Wisconsin – Platteville, he specializes in compressor and refrigeration systems. Solberg has expertise in supporting split systems, small packaged chiller, rooftop air conditioners, and other unitary products. He is chair of ASHRAE SPC 147-2002R – Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems.

#### About Ingersoll Rand

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