



# THE THERMOS



The St. Louis Chapter, ASHRAE Newsletter  
[www.ASHRAE-STL.org](http://www.ASHRAE-STL.org)

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March 2012

## MAKE YOUR RESERVATION TODAY FOR

**Monday, March 12th, 2012**

### **5:00 – 5:50 PM Tech Session (1.0 PDH)**

#### **Creativity**

“Engineering without creativity is a dead if not self-duplicating technology”; hence the call to reconsider the importance of creativity. Practically every problem faced by engineers will have alternative solutions. The search for these calls for creativity and “divergent thinking”. During this session the role of subconscious and right brain thinking will be explored, and creativity-enabling techniques for successful ideation will be presented. The session will encourage dialog and participation, as well as some introspection, by all.

### **6:00 AM Dinner**

### **6:00 – 7:00 PM Dinner Session (1.0 PDH)**

#### **Sustainability and Electrical Energy Production**

The industry at large has been challenged with the concept of sustainability. While some consider this to mean “leaving our environment in exactly the way we found it”, it is quite more subtle than that. Broader definitions will be reviewed and the nature of sustainability will be presented with the recognition of the importance those environmental, social, and economical effects should all be considered. Examples will then be given in which sustainability is not met, while yet assumed. The presentation will then focus on various methods of generating electricity, and their relationship to sustainability. The purpose is not to provide specific answers but to encourage the listeners to be challenged and to question as to what proper stewardship might imply. The lecture will end with a sharing of myths and dreams, and a statement of what sustainability is in the context of ASHRAE’s mission.

RUSSO'S SPAZIO AT WESTPORT  
12031 Lackland Rd  
St. Louis, MO 63146

**Chapter Members Cost \$0.00\***

\* when chapter dues paid

**Non-Members Cost \$25.00**

Cash or Check Only-No Credit Cards

### **RESERVATIONS**

*Everyone must register even if you have paid local dues.*

ONLINE: Click on hyperlink below or copy this into your browser:

<http://ashrae-stl.org/registration>

Please make sure that you fill in all the information requested. Thanks.

**PHONE: Must be called into 314.925.4818, no later than NOON, Friday, March 9, 2012. This is a voice mail extension. This number is in operation 24 hours a day.**

**CANCELLATION:** You may cancel up to noon on **Monday, March 5, 2012** before the meeting. If not cancelled by this point, you will be responsible for the meeting cost listed above.

**PDH CERTIFICATES:** If you want a PDH for either session, please check the appropriate boxes during online reservation or for phone reservations leave email address and PDH requests.

## TECH SESSION & MAIN PROGRAM SPEAKER

**Victor Goldschmidt**

Victor is an Emeritus Purdue Professor of Mechanical Engineering with more than 45 years of lecturing experience, Fellow and Past Director-at-Large of ASHRAE, and honorary member of the IIR (International Institute of Refrigeration), ACAIRE (Colombia Association of Air Conditioning and Refrigeration, AAF (Argentine Association of Cold), and ASURVAC (Uruguay Association of Refrigeration, Ventilation, Air Conditioning and Heating). He has also served as chair of the ASHRAE Task Group on Climate Change, and while serving in that role and carefully reviewing the published literature he slowly changed his perspective on the culpability of refrigerants in ozone depletion and global warming. His industrial experience includes having been an Application Engineer, and a Development Engineer with Honeywell, as well as serving as team leader with numerous research contracts with the HVAC&R industry. He also led research teams through grants with the DOD, NSF, and other governmental bodies. With more than 200 publications, he served as mentor to both graduate and undergraduate students. His earlier research and teaching included studies in atmospheric flows, and turbulent transport processes. Currently he is a facilitator to leadership training, problem solving and strategic planning sessions, a County Planning Commissioner and formerly a Trustee in the Leelanau Township Board in the Lower Northwest Michigan.

His service as an ASHRAE DL includes lectures on: Global Warming: Differing Perspectives (also could be in the form of a jury trial involving participants); Principles of Leadership and Group Dynamics; Principles of Leadership and Change; Sustainability and Energy in the Context of Power Plants; Problem Solving in Engineering; Air Conditioning: A Look Into the Past, myths and a Guess into the Future; Myths in Engineering, Active Listening and Styles of Communication; ASHRAE's Core Values, Code of Ethics, and Their Implication; Releasing Individuals' Own Creativity; and training sessions on: Leadership Principles; Engineering Problem Solving; Engineering Creativity; and Strategic Planning.

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## PROGRAM COMMITTEE 2012-2013

Thank you to those who have served on the program committee in 2011-2012! I hope you all will continue to help us offer engaging and informative meetings next year.

I am also hoping to recruit some new committee members for the 2012-2013 season to provide fresh ideas for tech sessions and main meeting content. Committee members are responsible for attending a kickoff meeting to brainstorm ideas this spring and for helping to procure and coordinate speakers for next year. This is a great way to get involved in the Chapter and to get to know your fellow members.

If you are interested, please contact me at [rglunt@b-g.com](mailto:rglunt@b-g.com).

Regards,  
Robert Glunt  
Program Chair 2012-2013

## ASHRAE STL PRESIDENTS COLUMN

**Vincent F. Stanec III**



Spring is around the corner and March brings another engaging meeting from your ASHRAE Chapter. In March, we will hear programs from one of ASHRAE's many Distinguished Lecturer's and award Scholarships to a few worthy students.

When I started my tour through the Board of Governor's, one of the on going priorities was to develop a Scholarship Program that awards meaningful Scholarships and thereby, recruits quality people to our industry. As recently as two years ago, we were awarding scholarships of two hundred fifty to five hundred dollars. But, thanks to the members of our Scholarship Committee and the dedication of local members to our golf tournaments, we now have a sustainable Scholarship Fund that allows us to advertise up to five thousand dollars in scholarships. Expect some worthy student candidates at our March meeting.

One of ASHRAE Society's many programs offered to local chapters is the Distinguished Lecturer's Program. These are individuals that are highly recognized in our field and have developed presentations which they present to various ASHRAE chapters throughout the Country. Dr. Goldschmidt will be presenting on two subjects that apply to all of us, Creativity in Engineering and ASHRAE's Core Values. As Engineers, we are asked to solve problems every day and often these problems require creative solutions. Who say's you have to be an artist to be creative!

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## UPCOMING EVENTS

**Officer Installation / TEGA - April 9, 2012**

**Spring Golf Tournament - TBD**

**CRC 2012 is coming up!**

May 3 – 5, 2012

Minneapolis, MN



**Give us your opinion and enter a chance to win a morning of golf for you and a friend at NAWIC's annual Scholarship Golf Classic on Friday May 4!**

The National Association of Women In Construction (NAWIC) St. Louis Chapter celebrated its 50-year anniversary in 2010! A lot has changed in the construction industry in those 50 years especially for women in construction. To continue to enhance the success of women in construction, our chapter is evaluating its programs and activities and developing a strategic plan for the future of our chapter. **Your opinion is important to this evaluation.** Our industry partners and employers and the women in construction are the reason we exist. **Please give us a few moments and your opinions to help us shape the future of our chapter. Click here to complete our online questionnaire – at the end of the questionnaire you will be able to register to win a morning of golf for you and a friend at our annual Scholarship Golf Classic on Friday May 4! Deadline to complete the questionnaire and enter to win a morning of golf is March 30.**

Did you know that NAWIC St. Louis has given over \$400,000 in scholarships to students pursuing construction related degrees? Reference the attached flyer to learn more about our annual Scholarship Golf Classic.

To fill out the survey & enter in a chance to win a twosome of golf, visit:

<https://docs.google.com/spreadsheet/viewform?formkey=dGdIVHBNUXIUTjVUNzISZ0tGRkY1V2c6MQ>

For more information on our Golf Tournament please visit our website by pasting this link in your browser:

[http://www.nawicstl.org/content/events/2012\\_golf/2012%20Registration%20Form.pdf](http://www.nawicstl.org/content/events/2012_golf/2012%20Registration%20Form.pdf)