

The Central New Yorker

ASHRAE Newsletter

The CNY Chapter of the American Society of
Heating, Refrigerating and Air Conditioning Engineers

The President's Message

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March is History Night with Carrier sponsoring the dinner and program. We are grateful for Carrier's support of this night- as has been the tradition for many years- and their support of their employees participation in ASHRAE. They recognize the critical role that ASHRAE plays in our industry and its benefit to members. The March meeting will be on MONDAY not Wednesday this month and will include a visit and presentation from this year's ASHRAE President Lynn Bellenger – a Rochester Chapter past president - on Modeling a Sustainable World, see program description for more information. Hope to see you there!

Starting in April we will be using PayPal as a payment option, we hope that you find this method convenient and take advantage of it. Next year we will increase the convenience of Pay Pal by offering some advance payment options – stay tuned. This is one of the things we are doing to update our operations as well as moving to paperless filing.

As we move into Spring – yes spring is coming- we have one more field trip planned in May to the expanded Fulton Boiler Plant, it will be good to see what this local manufacturer with worldwide distribution is doing.

Rae Butler, CNY Chapter President

ASHRAE Monthly Meetings: Meeting Date is Mar. 7.

Location: Doubletree Hotel Syracuse
6302 State Route 298, Carrier Parkway East, Syracuse, NY 12205

Times: 5:30 p.m.	Social Half Hour (cash bar)
6:00 p.m.	Jerry Groff, ASHRAE Historical Committee
6:30 p.m.	Dinner
7:15 p.m.	Lynn Bellenger, Modeling a Sustainable World
8:30 p.m.	Adjourn Cost: \$25.00 per person

Reservations: Don Middleton 315.422.5200 x768 or dmiddleton@bergmannpc.com

We have a new website address: <http://www.cnyashrae.org>, this can be used to make reservations and chapter information.

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2010/2011 CNY ASHRAE Programs

History Night

We have two speakers lined up this month. We will begin the evening with an overview of the ASHRAE Historical Committee by Jerry Groff. Jerry will discuss some of the committee's recent activities and show a new history that has been developed by the NYC Chapter, which includes a number of notable Syracuseans. After dinner, Lynn Bellenger, ASHRAE President, will give a presentation titled "Modeling a Sustainable World". Lynn G. Bellenger, is the first female president in the Society's 116 year history. As ASHRAE's president, Bellenger directs the Society's Board of Directors and oversees the Executive Committee. Her presidential theme, Modeling a Sustainable World, notes that in energy simulation, daylight analysis, CFD and BIM software, we have powerful modeling tools that enable us to create and refine our vision of a building, its appearance, systems, operation and performance.

This is History Month for our chapter and, once again, the dinner will be sponsored by Carrier. Even though there will be no charge for the dinner, we still need to provide a headcount to the Double Tree.

Please reregister by Wednesday, March 2 by contacting Don Middleton at 315.422.5200 x768 or by email: dmiddleton@bergmannpc.com.

Remember that the March meeting is on MONDAY, March 7 at the Double Tree Hotel.

5:30 p.m. Social Half Hour
6:00 p.m. Jerry Groff, ASHRAE Historical Committee
6:30 p.m. Dinner
7:15 p.m. Lynn Bellenger, Modeling a Sustainable World
8:30 p.m. Adjourn

March 7, 2011 (MONDAY)

History Night / Announce slate of officers

Topic: ASHRAE Historical Committee

Speaker: Jerry Groff

Topic: Modeling a Sustainable World

Speaker: Lynn Bellenger, ASHRAE President

April 13, 2011

Research Promotion Night / Election of Officers

Topic: Variable Refrigerant Flow Systems

Speaker: Julian de Bullet, ASHRAE Distinguished Lecturer

May 11, 2011

Install Officers

Event: Tour of Fulton Boilers

June 9, 2011

66th Annual Clambake at Hinerwadel's Grove

June 13, 2011

13th Annual RP Golf Tournament

The CNY ASHRAE Chapter would like to thank the following for their generous donations c/o Research Promotion:

Mr. Saunders E Wilson, Jr CSP CIH
Mr. Paul C Sack
ITT – Residential & Commercial Water
Mr. William F Walter
Mr. Mark C Yonnick
Mr. Steven C Sill
Mr. Brett A Fero, PE
Dr. Michael L Kingsley
Ms. Rae H Butler, PE
Dr. Lois Graham
Mr. Bruno P Morabito
Mr. Stephen G Miller
The Fulton Companies

To date, our Chapter has secured \$3715.00 or 27.9% of our \$13,280.00 annual goal. These donations, coupled with the upcoming ASHRAE Clam Bake, Golf Outing and future donations will surely allow us to surpass our goal. Thank you again for your wonderful generosity and we encourage both past and new donors to make a contribution in the name of Research Promotion.

President Better Building Initiative Announced

the President announced a “Better Buildings Initiative” that will aspire to make commercial buildings 20% more energy efficient. The projected energy bill savings could be around \$40 billion at current utility rates. The government will offer incentives for offices, schools, universities and hospitals to upgrade to more energy efficient practices. These incentives, pending budget approval, include new tax incentives for building efficiency, financing opportunities, and loan opportunities.

Another part of this plan for state government and municipal will include fast tracked regulations and attract private investment for building retrofit renovations, grants for local government that streamline standards, challenges to CEOs and university presidents to encourage their organization leaders to save energy, and training for future commercial building technology workers. A statement released by The White House indicated that the Better Building Initiative will complement programs that are currently in place for residential and government buildings (The American Recovery and Reinvestment Act).

2011 Green Building Conference

The 9th Annual NYS Green Building Conference, co-hosted by SUNY ESF and the New York Upstate Chapter of the US Green Building Council is about a month away! We have an incredible event planned, with many presenters coming from throughout the region to share their research and experience in green building design, O & M, and much more! The conference will be held on Friday March 25, at the Double Tree Carrier Circle, preceded by the 3rd Annual Deconstruction Summit on Thursday, March 24th. More information about the event and how to register can be found at the event website: www.esf.edu/greenbuilding.

This conference is a great opportunity for professionals in many fields to learn about green building topics from experienced professionals and scientists, as well as provides a chance to network with other like-minded individuals and organizations.

Additionally, this program is currently under review for continuing education credits for engineers, landscape architects, architects, and LEED professionals. Please check the website: www.esf.edu/greenbuilding soon for more information regarding continuing education credits.

2011 Green Building Conference

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The CNY Chapter is now accepting business card advertising in this monthly newsletter: Send us your business card (or text for a line card) and we'll scan it in and for \$50 your card will run in the newsletter for the year. Send your ad and payment to: ASHRAE Newsletter; Advertising, P.O. Box 2396, Syracuse, NY 13220

If you have a digital card (or questions), email it to Michael Kingsley: Michael.L.Kingsley@saic.com.

Central New York Chapter of ASPE

Central New York Chapter of ASPE is proud to present a seminar on Solar Water Heating and design.

This in depth seminar will cover complete design from the basics through final system design on this LEED credit option.

This is a full working, all-day seminar and will cover the following topics:

- temperature balance and variable pump speed control
- flat plate or vacuum tubes collectors;
- drainback or pressure glycol systems
- water heater, Boiler backup, VWH or electric backup
- where do engineers get their resources and how do they perform?
- design templates and examples

Solar sizing workbook will cover how to design:

- the storage needed
- boiler or water heater size
- number of panels
- pipe and pump size
- expansion tank or drainback tank size
- assemble a parts list and build it
- how to determine solar tax credits and provide an impressive Return on Investment.

About the speaker: Mr. Rod Hyatt from Heat Transfer Products from Salt Lake City. Mr. Hyatt has over 18 years experience in the solar system design, including the launch of two highly successful start-ups in the field: Sun Hydronics and In Hot Water. He has been involved in the sale, installation and coordination of hundreds of solar hot water and power systems in the West. At ISH North America in 2006, one of his highly innovated product designs, the SunStation solar domestic hot water system won first place in the New Products competition. He was recently seen speaking at the 2010 ASPE Convention in Philadelphia.

This hands on seminar will be held at: Turning Stone Casino and Resort in Verona, NY
April 8th from 8:30 a.m. - 5:00 p.m.
Cost per attendee: Any ASPE member \$65
Non-ASPE membe \$95

- Attendees will be awarded 0.7 Continuing Education Units (CEU) for attending.
- Cost includes lunch and flash drive preloaded with the presentation including Excel design spreadsheet.
- Bring your laptops, calculators and actual projects for discussion.

Space is limited. If interested, please RSVP to Dan Gehl, CNY ASPE President at: dan.gehl@tetrattech.com.
First come, first served.