

Engineers Week Dinner Meeting

Topic: "Global Warming and the Challenges Ahead"

Speaker: Kevin Barb, Chief Consulting Engineer, GE Energy

Date: Thursday, February 28th

Time: 6 PM Social Hour
7 PM Dinner
Lecture to follow

Place: College Park Hall/Conference Center at Union College, (formerly Ramada Inn), 450 Nott Street, Schenectady, NY

RSVP by noon Monday February 25, 2008

Contact either:

David Smith (smithd2@asme.org or (518) 385-1234)
or **Malysa Cheng** (chengm@union.edu)

Abstract:

This month's ASME meeting is a joint effort between the Hudson Mohawk Section and the Union College Student ASME Section. The dinner meeting centers on global warming - a prevalent topic in the news today. Kevin Barb, a Chief Engineer from GE Energy, will review evidence supporting global warming and its causes, emphasizing the magnitude of the problem in terms of its scale and timing. Our current sources of primary energy, their impact on greenhouse gas emissions, and the viability of various renewable energy sources (wind, solar, hydro-electric, etc.) will also be presented. His talk will touch on the social, economic, environmental, and security issues related to energy, as well as policy and social changes that might be done to address global warming. Kevin has made similar presentations several times within GE. He is committed to promoting public awareness and actions on global warming, and is excited to make this presentation to the general public.

Speaker:

Kevin Barb was born outside of Boston, MA and holds a BSME degree from The Catholic University of America, Washington DC. After graduating college, Kevin joined the US Navy, where he served as a Lieutenant in the reactor department on the nuclear aircraft carrier USS Enterprise, CVN65. Upon leaving the Navy in 1987, he joined GE Aircraft engines at the Lynn, MA facility where Kevin worked on various small military and commercial engine programs. In 1993 Kevin moved to Schenectady, NY working on various gas turbine programs including the most energy efficient gas turbine power plant in the world, the 9H machine, where he was the Technical Leader for turbine buckets. After successful completion of the 9H development program he continued his technical career by joining Steam Turbine Engineering in 2001 where he held technical leadership roles in bucket mechanical design and turbine structures, eventually moving on to his present role in the Chief Engineers Office. Currently Kevin is the Chief Engineer for GE's Steam Turbine Center of Excellence. Kevin, his wife Denise, and three children live in Halfmoon, NY. When not working, Kevin enjoys fishing, golf, and photography.



Place:



College Park Hall at Union College

**THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS
HUDSON MOHAWK SECTION
PO BOX 206
Schenectady, NY 12301**

This event is an opportunity to see Union College's most recent addition to its expanding campus, College Park Hall. This facility is the former Ramada Inn that was purchased by Union College and extensively remodeled into a combined student housing and conference center facility.

College Park Hall and Conference Center
(Formerly the Ramada Inn)
450 Nott Street
Schenectady, NY

Dinner:

This event is a seated dinner, with appetizer, salad, entrée, and desert and coffee. A cash bar with light snacks will be open from 6 – 7 PM.

- Orzo Stuffed Chicken with Plum Tomato Coulis
- or Grilled Vegetable Terrine with Smoked Mozzarella and Roasted Red Peppers (Vegetarian)
- Appetizer -Fresh Fruit Mosaic
- Salad -Mixed Greens with Wild Mushrooms
- Side -Seasonal Vegetables
- Dessert -Assorted Pastries

Cost:

\$25 – Members and Guests
\$10 – Full-time students (with current College ID)

The Hudson Mohawk section and Union College student section of the ASME, and the Mechanical Engineering Department at Union College are subsidizing student meals. Students from all local colleges are welcome and will be charged the discounted student fee.

Reservations:

To reserve your seat, contact David Smith at (518) 385-1234, or smithd2@asme.org or Malysa Cheng (chengm@union.edu) by noon February 25th.

Directions:

From the North or East: From the Northway (I-87) take exit 6 (marked 'Route 7 west'). Follow Route 7 west for 6.5 miles and bear right onto Union Street. Continue on Union Street for ~ 3 miles. Turn right onto Seward Place. At the next traffic light, turn left onto Nott Street. In about 2/10 mile, turn left (at the traffic light) into the College Park Hall parking lot.

From all other directions: Get onto I-890 from NYS Thruway (Exit 26 if coming from the west or Exit 25 if coming from the east or south). Take I-890 to Exit 4 (Erie Boulevard). Follow Erie Boulevard north to Nott Street (second light after going under a RR bridge). Turn right on Nott Street. Proceed east to the first traffic light (approximately 1/10 mile). Turn right into the parking lot.

Proceed to the main entrance of College Park Hall. Signs will be posted in College Park Hall to guide visitors.

Distribution of Section Newsletter

The Hudson Mohawk newsletter is posted at:
<http://sections.asme.org/udson-mohawk/>

Once each newsletter is posted on the Section's web page, an e-mail notification and link to the above website is sent to members who have e-mail addresses in the ASME member database. If you are an active member of ASME and did not receive an e-mail notification, please go to the ASME web site and update your membership information.
<http://members.asme.org/myasme/login/myasme.cfm>