

**CENTRAL CHAPTER
NY STATE SOCIETY OF PROFESSIONAL ENGINEERS**

NEWSLETTER

MARCH 2006

President's Message - Mike Hayes, PE

We are deviating from our planned schedule and having what I think will be a very interesting presentation on March 9, 2006, jointly sponsored by ASCE, Syracuse University, and TACNY. Dr. Gordon Boutwell, a geotechnical engineer in Louisiana and Mississippi for over 40 years will review the failure of the levee system in New Orleans as result of Hurricane Katrina. Even better, 1 PDH will be offered. I expect this to be a popular meeting, so please reserve early. See the details below. My thanks to ASCE and SU for letting us participate in this event.

There is an another PDH opportunity in March. Yours truly will discuss National Electrical Code requirements for motor circuits on March 6, 2006 at C&S Engineers. See the IEEE Section of the newsletter for more details. Listening to an electrical engineer talk about motor circuits will no doubt induce yawns, but at least you'll get 2 PDHs. The only catch is you have to stay awake!

We continue to work on the programs for the Mini-Expo on May 15, 2006 at the Holiday Inn in Liverpool. The speakers should be confirmed by early March. Details will be posted on the www.cnype.org web site as soon as they are available. Four PDHs will be available. The cost will be \$65, which includes the Celebration of Technology Banquet.

I want to solicit nominations for awards for the Central New York Engineer of the Year. The award will be presented at the Celebration of Technology Banquet. The nomination form will be posted on our www.cnype.org web site as soon as it's available. Any P.E. who lives or practices in our Chapter's area (Cayuga, Cortland, Madison, Onondaga, or Oswego counties) can be nominated.

As a reminder, in addition to our PDH lunch, we're having a joint meeting with ACEC on April 25, 2006. Edward A. Bogucz, Jr., Ph.D., Executive Director of the Syracuse Center of Excellence in Environmental and Energy Systems will discuss the Syracuse Center of Excellence. Their web site is at: <http://coees.internetconsult.com/overview/>. We'll have more details next month.

We are seriously considering switching from a printed newsletter to an email newsletter as many other professional groups are doing. We will continue to be part of the Technologist through June 2006. If we switch, the email version of the newsletter will start in September. We don't have email addresses for about 25% of our members. I assume that's either because you didn't give the email address to NSPE or you don't have email at all. We don't want to leave anyone out, so please send me an email at m.hayes@ieee.org or call me at 455-2000 if you have any comments or questions.

Finally, we are soliciting nominees for officers and directors for your chapter. All positions are open. **Please** send your nominations to me. Any P.E. member is eligible. All we need is the individual's contact information and a willingness to serve. We have an excellent board, and many members have served for years. However, any organization needs "new blood" to be viable for the long term. information on our web site.

Send me an email at m.hayes@ieee.org or call me at 455-2000 if you have any comments or questions

**Syracuse University Department of Civil and Environmental Engineering
American Society of Civil Engineers Syracuse Section
Central NY Chapter NY State Society of Professional Engineers
and the Technology Alliance of Central New York
Present**

Failures in the New Orleans Levee

System: Hurricane Katrina, 2005

By: Dr. Gordon P. Boutwell, P.E.

Between 0500 and 1030 on August 29, 2005, Hurricane Katrina caused the biggest civil engineering failure in US history- Failure of the Levee System. This presentation will describe the levee system and walk us through the sequence of failure and flooding. Dr. Boutwell will also present ideas for better design of the levee system.

This presentation will qualify for 1.0 PDH for NY Professional Engineers. Fee for PDH: \$10. Pizza and soda provided at no cost.

Dr. Boutwell has been a consulting geotechnical engineer in Louisiana and Mississippi for over 40 years, and is President of Soil Testing Engineers, Inc. in Baton Rouge, LA. Dr. Boutwell is a member of the ASCE Levee Assessment Team and coauthor of the ASCE/NSF report of the Failure of the New Orleans Levee System.

Date: March 9, 2006

Time: 5:00 pm-6:15pm

Location: 369 Link Hall, Syracuse University

Parking: Please contact Mrs. Mickey Hunter (mbhunter@syr.edu,

Tel: 443-2311) by March 3, 2006.

SPACE IS LIMITED

CALENDER

Date/Time	Topic	Speaker	Location	Cost	Contact
3/6/06	Motor Circuits 2 PDH	Mike Hayes, P.E.	C&S Engineers	\$15	Larry Kinne, 633-0027, larrykinne@verizon.net
3/9/06	Failures in New Orleans Levee System 1 PDH	Dr. Gordon P. Boutwell, P.E.	Syracuse University., Link Hall, Room 369	\$10	Mrs. Mickey Hunter, 443-2311, mbhunter@syr.edu
4/18/06	TBD	TBD	TBD	TBD	Fifth in series of "PDH" luncheons. Date is tentative.
4/25/06	Syracuse Center for Excellence	Edward A. Bogucz, Jr., Ph.D., Executive Director	Wyndham Hotel	\$15	Mike Hayes, PE, 455-2000, mhayes@cscos.com.
5/15/06	TBD	TBD	Holiday Inn, Liverpool	TBD	Mini-Expo & Celebration of Technology Banquet. Date & location are firm.
6/13/06	TBD	TBD	TBD	TBD	Sixth in series of "PDH" luncheons. Date is tentative.
9/19/06	TBD	TBD	TBD		Seventh in series of "PDH" luncheons. Date is tentative.
Oct 06	Getting Licensed in NY	Jane Blair, P.E. (tentative)	Syracuse University., Link Hall, Room 369 (tentative)	TBD	Mike Hayes, PE, 455-2000, mhayes@cscos.com.
10/17/06	TBD	TBD	TBD		Eighth in series of "PDH" luncheons. Date is tentative.
11/6/06	TBD 6 PDH	TBD	Holiday Inn, Liverpool	TBD	2006 CNY Engineering Expo Date & location are firm.

SCHOLARSHIPS

Each year the Central New York Chapter of the New York State Society of Professional Engineers (CNYSSPE) awards scholarships to worthy High School Seniors who will be going to college in an engineering or technical discipline. These young people are judged by an impartial algorithm based on their academic background, scholastic achievements and SAT scores. We are actively soliciting donations from local firms and individuals to support the scholarship fund. Public attribution and appreciation will be publicly expressed in all news releases, The Technologist newsletter and at the annual "Celebration of Technology" dinner. For additional information please contact Carl Fahrenkrug, carl-f@microwavefilter.com, 438 4722

Thank you in advance for your generosity. Together we can encourage more Central New York young people to choose engineering as a career. Your donation check should be made out to the CNYSSPE Scholarship Fund and sent to:

CNYSSPE c/o Microwave Filter Company, Inc.
6743 Kinne Street
East Syracuse, New York 13057
ATTN: Nancy Young

THANK YOU

We continue to seek donations for your Chapter's Scholarship Fund. The fund is supported by contributions from firms and individuals who take an active interest in the future of our profession. Current contributors include:

- • Associated Builders & Contractors
- • Blasland, Bouck and Lee
- • C&S Engineers Inc.
- • Clough Harbour
- • Klepper Hahn & Hyatt, PC
- • Microwave Filter
- • Ram-Tech
- • Stearns & Wheler
- • Syracuse Research Corporation.
- • Syracuse Thermal Products
- • Watkins Environmental Sciences, P.E., P.C.

CENTRAL NEW YORK AND UTICA ROME SCHOOLS ADVANCE IN MATHCOUNTS

Manlius Pebble Hill, Syracuse Academy of Science, and Oneida City - Otto Shortell Middle School all advanced in active competition for the New York State Championship. In addition, individuals George Wong and Maureen Carey from Onondaga Hill earned eligibility to compete.

Ralph Perry MS (New Hartford), Clinton, and Holland Patent from the Utica Rome area also will be participating in the New York State Championship with individuals Michael Eisinger from Sauquoit, and Lewis Butchko from Illion eligible to compete.

WEBSITE

There are a number of events, schedules and dates in this newsletter. Unfortunately the slowness of the printed word keeps it at least 3 weeks behind your receipt. To keep current right up to the event, go to our website at <http://www.cnype.org> . The site is as up to date as we can make it. **Check it today for current EXPO schedule and registration forms!**

BOARD OF DIRECTORS MEETINGS

NSPE members are most cordially invited to attend all board meetings. Those wishing to attend should contact Mike Hayes: (315) 455-2000 ext. 4384; mhayes@cscos.com to confirm time and date.