

CENTRAL CHAPTER NY STATE SOCIETY OF PROFESSIONAL ENGINEERS

NEWSLETTER

OCTOBER, 2004

President's Message - Mike Hayes, P.E.

As a reminder, please mark your calendars now. We will be offering a one-day seminar on Monday, November 15, 2004 (Engineering Expo 2004) at the Holiday Inn on Electronics Parkway in Liverpool that will provide 6 PDHs. There will be multiple tracks for the various engineering disciplines. See the information later in this newsletter for more details. Look for more information in future newsletters and on our website, <http://www.cnype.org/>. We have tried to pick speakers and topics that will be of interest to you. While this event is aimed at PEs, it is open to anyone who is interested. We are also looking for corporate support for this seminar. We are asking companies to become exhibitors, sponsors, or patrons. See the registration forms later in the newsletter. I have had several questions about whether you have to attend presentations in just one track. The answer is no. You can attend any presentation you choose.

While this event is aimed at PEs, it is open to anyone who is interested. We are also looking for corporate support for this seminar. We are asking companies to become exhibitors, sponsors, or patrons. See the registration forms later in the newsletter.

What if your registration expires early next year, and you don't have any continuing education credits yet? It's still not too late. You can get 5.5 professional development hours (PDH) at the NSPE Northeast Region Conference in Philadelphia, PA (October 7 ~ 9, 2004), the 2004 NYSSPE Fall Convention & Expo in Albany, NY (November 12 & 13, 2004), and, of course, our Engineering Expo 2004 in Syracuse. See the NYSSPE web site at <http://www.nysspe.org/> for more information about the Philadelphia and Albany events. In addition, see more information about how many hours of continuing education you need if your registration expires on or before 12/31/05 below.

There will be a "Build 'em and Bust 'em" event at Syracuse University, on November 20, 2004. Students from 4th through 12th grades will build structures that will be evaluated for structural strength and design quality. There will also be an on-site event.

PROFESSIONAL DEVELOPMENT HOURS AVAILABLE THROUGH THE 2004 CNY ENGINEERING EXPO

On November 15, 2004 your Chapter is presenting an engineering exposition covering topics from a variety of engineering disciplines which can earn attendees up to a total of 6 PDHs from the classes they select. Due to the voluntary donations of instructor's time, the cost is only \$75 per person and includes a luncheon as well as vendor's exhibitions. Cosponsors include ASCE, ASME, IEEE and NSPE.

Details of the EXPO are given on the next three pages. For further information call Mike Hayes, PE at (315) 455-2000, mhayes@cscos.com.

The following is from the questions and answers section of the NYSED web site (<http://www.op.nysed.gov/peceques.htm>). “If you are renewing the registration of your license on or after January 1, 2005, the number of contact hours you will be required to complete and report will vary depending on when your current registration expires. You will be required to complete continuing education at a rate of 1 hour per month beginning January 1, 2004 to the date your registration is due to be renewed, for a total of 36 hours for professional engineers or 24 hours for land surveyors.”

For example, if your registration is good through December 31, 2004, you must renew “on or after “ January 1, 2005. You’d need 12 hours of continuing education. The following table shows the continuing education requirements for those whose registrations expire on or before 12/31/05. The complete table is on the SED web site at the link shown above.

Professional Engineers: If your registration is due to be renewed on or after:	You will be required to complete the following number of hours of continuing education
1/1/2005	12
2/1/2005	13
3/1/2005	14
4/1/2005	15
5/1/2005	16
6/1/2005	17
7/1/2005	18
8/1/2005	19
9/1/2005	20
10/1/2005	21
11/1/2005	22
12/1/2005	23
1/1/2006	24

**Monday - November 15 , 2004 - Holiday Inn, Electronics Pkwy & 7th North St., Syracuse,
NY**

For more information, call Mike Hayes, PE at (315) 455-2000

Civil	Mechanical	Electrical	Professional	General Interest
Sponsored by ASCE	Sponsored by ASME	Sponsored by IEEE	Sponsored by NSPE	Sponsored by NSPE
8:15 - 9:15 Spill Prevention & Control - Bill Frye, C&S Engineers - 1.0 PDH	8:15 - 10:30 Basic Mechanical Failure Analysis Neville W. Sachs, PE, Sachs, Salvaterra & Associates - 2.0 PDH	8:15 - 9:15 2005 NEC Update - Neil LaBrake Jr., PE, National Grid - 1.0 PDH	8:15 - 9:15 Designing Mound Septic Systems, Jeff Till, Onondaga Co. - 1.0 PDH	8:15 - 10:30 Building Code of NY State - Fire Protection Requirements - Michael J. Klemenz, PE, Davis-Ulmer Sprinkler Co. - 2.0 PDH for PE
9:30 - 10:30 Advancements in FRP Wraps - Dr. Riyad Aboutaha, Syracuse University-1.0 PDH		9:30 - 10:30 Transformer Fusing - Vincent J. Brown III. V.J. Brown Co. - 1.0 PDH	9:30 - 11:45 Ethics - Dick Simberg, PE (ret.) - 2.0 PDH	
10:45 - 11:45 Cost Effectiveness of Innovative Design Methods for Bridges - Robert Brunner, NYS Thruway Authority - 1.0 PDH		10:45 - 11:45 Chiller Design, Robert Feduik, Carrier - 1.0 PDH		10:45 - 11:45 Photo-Voltaic Power Systems - Dr. Gay Canough, ETMSolar 1.0 PDH
Networking Luncheon & Visit Display Booths (Convention Center)				
1:15 - 2:15 Dynamic Pile Testing - Tom Cronin, PE, Atlantic Testing Laboratories - 1.0 PDH for PE	1:15 - 3:30 ASHRAE 90.1 - Tony Egan, "ABC Co." - 2.0 PDH for PE	1:15 - 2:15 Electrical Grounding - Mr. John Howard, Lyncole - 1.0 PDH	1:15 - 2:15 Engineering Law - Neal Illenberg, PE 1.0 PDH	1:15 - 2:15 Insulated Concrete Forms Saul Mazur, AH Harris 1.0 PDH
2:30 - 3:30 Tunneling/ Deep Shaft Construction - AJ McGinn, Brierley Associates - 1.0 PDH		3:30 - 3:30 Harmonics & Mitigation Methods for AC Drives, R. Hoadley, Rockwell Automation - 1.0 PDH	2:30 - 3:30 Behavior of Prestressed Seismic Framing Systems, Jubum Kim, Clarkson University - 1.0 PDH	2:30 - 4:45 Physical Security, Chad Barnes C&S Engineers - 2.0 PDH for PE
3:45 - 4:45 Serviceability in High-Performance Concrete, Dr. Levon Minnetyan, Clarkson Univ. - 1.0 PDH		3:45 - 4:45 Finite Element Analysis - Kishore Boyalakuntla - CADimensions/Solid Works - 1.0 PDH	3:45 - 4:45 State of Computer Networking Craig Cobb, PE, Verizon 1.0 PDH	

COST: \$75 Per Person (reservations received not later than 11/1/04, \$95 after)

CENTRAL NEW YORK ENGINEERING EXPO 2004

A Continuing Education Seminar for Engineers and Architects

INDIVIDUAL INFORMATION & REGISTRATION

Reminder: The Expo will be held on Monday, November 15, 2004 from 8:00 AM to 5:00 PM.

Registration table opens at 7:30 AM.

**Holiday Inn
441 Electronics Pkwy
Liverpool, NY 13088**

Name of individual for registration: _____

Organization: _____

Address: _____

Phone: _____

Fax: _____

Email: _____

Please check appropriate box below.

**Early Bird registration: \$75
Must be postmarked not later than October 29, 2004**

Registration after October 29, 2004: \$95

Please indicate which of the five tracks you are most interested in. We will use this information to make room assignments. **You may attend any individual session you choose.**

Civil

Mechanical

Electrical

Professional

Other

Payment: Please enclose check. Make check payable to: **F.E.E., Inc.** and reference the CNYSSPE-EXPO 2004 in the memo portion of the check. The Foundation for Engineering Education (F.E.E., Inc.) is sponsoring this event.

Mail to: Ms. Alicia Kirkby, C&S Engineers, 499 Col. Eileen Collins Blvd., Syracuse, NY 13212.

CENTRAL NEW YORK ENGINEERING EXPO 2004

A Continuing Education Seminar for Engineers and Architects

EXHIBITOR & SPONSOR INFORMATION & REGISTRATION

Reminder: The Expo will be held on Monday, November 15, 2004 from 7:30 AM to 5:00 PM.

**Holiday Inn
441 Electronics Pkwy
Liverpool, NY 13088**

Name & Title of individual completing this form:

Name of individual(s) for registration(s):

Organization:

Address:

Phone:

Fax:

Email:

Exhibitor Only: \$200, includes booth & 1 registration

Sponsor Only: \$250, includes listing in program & 2 registrations

Patron: \$400, includes booth, listing in program & 3 registrations

Please check this box if you will require the use of an electrical outlet. An additional service charge of \$30 will apply.

Please check appropriate box above.

Booth set up may start at 6:00 AM on November 15, 2004. Booths are 6' x 10' including table, chairs, table cloth, and electrical outlet. Booths are available on a first come, first served basis.

Payment: Please enclose check.

Make check payable to: **F.E.E., Inc.** and reference the CNYSSPE-EXPO 2004 in the memo portion of the check.

The Foundation for Engineering Education (F.E.E., Inc.) is sponsoring this event.

Send completed registration form to:

Ms. Alicia Kirkby, akirkby@cscos.com, C&S Engineers, 499 Col. Eileen Collins Blvd., Syracuse, NY 13212

Please contact Mike Hayes, PE at (315) 455-2000 or mhayes@cscos.com if you have any questions.

So You Want To Be an Engineer: The Ins and Outs of Getting Licensed In NYS

**A Panel Discussion Sponsored By:
The Central New York State Chapter of the NY State Society of Professional Engineers
in cooperation with the
Syracuse University College of Engineering & Computer Science**

**Date: Thursday, October 14, 2004
Presentation: 6:15 PM
Snacks & soda will be provided**

Location: Room 369, Link Hall, Syracuse University

(Parking will be available at no charge in the SU VIP lot (Q4) on College Place adjacent to the Science and Technology Building. Let us know if you will need a parking spot so we can reserve a space.)

A member of the Engineering and Land Surveyor's Licensing Board, NYS Education Department will be our panelist for a discussion of issues relative to the licensing of engineers. Topics will include: Why be licensed?, the application process, the exams (including recent changes), professional discipline, and continuing education for engineers.

The presentation is free.

**Please make a reservation to attend.
Contact John Przepiora, P.E. : 315/479-9111, jwp134@twcnny.rr.com**

Students may also make reservations by contacting Kathy Pollard (443-5192) in the SU Engineering College Dean's Office.

WEBSITE

Check us out at <http://www.cnype.org/>. The site is kept up to date and includes the latest on meetings, continuing education and other details of our many professional activities. **IT INCLUDES A COMPLETE AND UPDATED SECTION ON CPC.** As with everything else concerning your Society, your comments are most appreciated.

THANK YOU

We are still seeking donations for our Chapter's Scholarship Fund. Please consider furthering our efforts to support future engineers. The Chapter scholarship fund is supported by contributions from firms and individuals who take an active interest in the future of our profession.

Current contributors include:

- Blasland, Bouck and Lee
- C&S Engineers Inc.
- Clough Harbour
- Klepper Hahn & Hyatt, PC
- Watkins Environmental Sciences, P.E., P.C.

Donations from firms and individuals are welcome and may be sent to:
CNYSSPE, c/o Microwave Filter Company, Inc.

6743 Kinne Street, E. Syracuse, New York 13057, Attn: Nancy Young.

For additional information please contact Carl Fahrenkrug,

carl-f@microwavefilter.com, 438 4722.

BOARD OF DIRECTORS MEETINGS

NSPE members are most cordially invited to attend all board meetings. Meetings are tentatively scheduled for noon on the first Thursday of each month. Those wishing to attend should contact Mike Hayes: (315) 455-2000 ext. 384; m.hayes@ieee.org to confirm time and date.