

Technologist

Includes information for the Syracuse Sections of the IEEE and the NSPE

SYRACUSE AREA TECHNICAL SOCIETIES COUNCIL

The Technology Alliance of CNY has been reporting on technical excellence since 1903.

Vol. 8 No 8

April 2006

ACM - Association of Computing Machinery	Gerry T. Volger	Chair	433-1904
ACS - American Chemical Society	Steven Keller	Chair	
AFE - Association of Facilities Engineers	Nick Kochan	Pres.	455-7061
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AIChE - American Institute of Chemical Engineers	Suresh Santanam	Chair	655-8161 x 340
AIHA - American Industrial Hygiene Association	Tom McGiff	Pres.	607-255-5835
ASCE - American Society of Civil Engineers	Matt Millias P.E.	Pres.	451-9560
ASHRAE - American Society of Heating, Refrigerating, and Air-Conditioning Engineers	Ron Westbrook	Pres.	474-7371
ASM - American Society for Metals	Jeff Zerilli	Chair	607-533-7000
ASME - American Society of Mechanical Engineers	Tom Michlovitch	Chair	433-1917, x125
ASPE - American Society of Plumbing Engineers	Daniel C. Gehl	Pres.	607-277-7100
ASQ - American Society for Quality	Andy Thyne	Chair	456-3267
ASSE - American Society of Safety Engineers	Jerry Clark	Chair	445-4536
CNYAIHA - CNY American Industrial Hygiene Association	Steve Valentine	Chair	455-0224
CNYSLS - CNY Society of Land Surveyors	Robert Green	Contact	428-4358
CNYTEA - CNY Technology Education Association	Michael D. Thurlow	Pres.	598-6030
FLSA - Finger Lakes Sanitarians Association	Lary Duchaney	Chair	445-1597
IEEE - Institute of Electrical and Electronics Engineers	Mike Hayes	Chair	455-2000
IES - Illuminating Engineering Society	Chad Loomis	Pres.	476-8311
ISMIC - International Society for Measurement & Control	Steve Burrell	Pres.	445-5555
LCSEAA - LC Smith Engineering Alumni Association	Kelly Thompson	Contact	678-2171
NSPE - National Society of Professional Engineers	Michael R. Hayes, P.E.	Pres	455 2000
NYSAPLS - NYS Assoc. of Professional Land Surveyors	Robert S. Green	Chair	428-4358
NYSATE - NYS Association of Transportation Engineers	Mary Clements	Pres.	428-4627
SAE - Society of Automotive Engineers	Angie Errico	Chair	432-4363
SAS - Syracuse Astronomical Society	Stu Foster	Pres.	492-9118
SBE - Society of Broadcast Engineers	Vincent Lopez	Pres.	472-6800
SFPE - Society of Fire Protection Engineers	Dennis McCarty	Pres.	716-599-4238
SME - Society of Manufacturing Engineers	Sam Waite	Chair	432-0700
SWE - Society of Women Engineers	Susan Weaver	Pres.	432-0506



The Technology Alliance of Central New York
www.TACNY.org

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The Syracuse Section of the
Institute of Electrical and Electronics Engineers
www.ewh.ieee.org/r1/syracuse



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The Syracuse Section of the
National Society of Professional Engineers
www.CNYPE.org



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Marjory Baruch	637-0033
Teacher Awards Chair	
Dr. Vernon A. Tryon	343-9692

Email Contact Information

Emails addressed per the following list will automatically be forwarded to the appropriate officer or committee person:

president@tacny.org
programs@tacny.org
technicalsocieties@tacny.org
secretary@tacny.org
treasurer@tacny.org
pastpresident@tacny.org
membership@tacny.org
technologist@tacny.org
webmaster@tacny.org
teacherawards@tacny.org
jr.cafe@tacny.org

Website of the Month

<http://shot.press.jhu.edu/>



The Society for the History of Technology was formed in 1958 to encourage the study of the development of technology and its relations with society and culture.

President's Message

Our Board likes to think that we are doing great things. Our Strategic Direction Committee has embarked on a bold mission to shape the Technology Alliance of the future. New programs, like Junior Café Scientific, and opportunities have been identified as we look for ways to help shape the future of technology in central New York. We will keep you posted as we make progress on this front.

One way we think we can make a significant impact is through the Technical Societies Council, an "organization of organizations" led by TACNY. If we think of ourselves in terms of the thousands of technologists represented by the Council, instead of as the much smaller number of members of individual stovepipe societies, we can accomplish so much more towards achieving our mission to "enhance and facilitate the development, growth, and advancement of education, awareness and historical appreciation of technology within the Central New York Community."

One way we keep in touch with other local technologists is through email. Much happens in our area that you may or may not be aware of, including lectures, seminars, continuing education, outreach, etc. TACNY maintains a listserv that any interested party can subscribe to. To do so, send an email to listserv@listserv.syr.edu, and in the body of the message, include a single line as follows: subscribe TACNY Firstname Lastname. You will receive announcements of upcoming events, as well as other items of interest. You can also post your own announcements! Please keep these announcements to those of general interest to the local technology community.

Another way we try to tie the community together is through our new TACNY on-line calendar, found at <http://tacny.org/calendar/main.php>. The calendar allows you to filter events of interest, download to your calendar system of choice, as well as for you to post events of interest to all.

How do YOU think TACNY should proceed the next few years? To let me know what's on your mind, drop me a note at hollander@tacny.org.



May 5th 18th Annual Teacher Awards Dinner

Come and have a great evening at the Ramada Inn on Buckley Rd., celebrating the hard work of our teachers and catching up with your fellow technologists! Dinner price \$21-\$25 (Varies with menu choice), reduced prices for students. The starting time is 6:00 p.m.

Contact Information: TeacherAwards@tacny.org, or call Vernon Tryon at 315-343-9692

Clarkson Graduate Program Aimed at "Full-Timers"

Have you been thinking about continuing your education and advancing your career by earning a Master's degree? Do the demands of a full-time job and a busy schedule make you feel like there's never time to get started? If so, Clarkson University's Engineering & Global Operations Management (EGOM) graduate program is the solution you've been searching for.

EGOM is a 30 credit-hour, part-time, interdisciplinary Master of Science program uniquely designed to enable full-time engineers, managers and technical business leaders to earn a graduate degree through a customizable combination of on-campus and on-line courses. During a 5-week period each May, learners can complete either 1 or 2 courses during the accelerated and highly interactive on-campus summer sessions. Additional courses can be completed throughout the year in the spring, summer or fall semesters via web-based distance learning.

The result is a top-notch education that integrates Clarkson's core competencies in technology and business, delivered in a flexible format that accommodates your busy schedule. In addition, you'll learn side-by-side with peers from Xerox, Kodak, Corning, IBM, Bank of America, GE and many other leading companies as you participate in several networking and teambuilding exercises designed to enhance the overall educational experience.

The EGOM program also offers you the option to pursue graduate certificates in Global Supply Chain Management, Six Sigma Process Improvement, or any 4 courses you choose from our leading edge curriculum. This allows you to focus on a specific discipline by completing a 12 credit-hour sequence which may be applied toward the M.S. degree or awarded as a stand-alone certificate.

Contact information:

**Engineering & Global Operations Management
Graduate Program**
Steven Marsh

P.O. Box 5740
Potsdam, New York 13699-5740
315-268-5982
smarsh@clarkson.edu
www.clarkson.edu/egom

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**The Eighth Annual
Celebration of Technology
Awards Banquet**



Warren Allmon received his AB from Dartmouth College in 1982 and his PhD from Harvard University in 1988. From 1988 to 1992 he was Assistant Professor of Geology at the University of South Florida in Tampa. He became PRI's fourth Director in September, 1992. Allmon's research interests include the evolution of Cenozoic and Recent gastropods, especially the family Turritellidae, and general problems of macroevolution, especially speciation and the origin of biological diversity. Allmon is Director of the Paleontological Research Institution, Director of the Museum of the Earth and Adjunct Associate Professor of Earth and Atmospheric Sciences at Cornell University.

TACNY's Celebration of Technology Awards recognize and celebrate the achievements of Central New York individuals, educators, companies and projects, highlighting Central New York as a rewarding place to learn and work.

The Banquet supports TACNY's improvement initiatives that enhance employment and educational opportunities in Central New York.

The Banquet is also an excellent opportunity for your company to celebrate its own achievements, while supporting TACNY, by exhibiting at the banquet and placing an advertisement in the program brochure.

EVENT INFORMATION

- Cash bar begins at 5:00 p.m., dinner is at 6:30 p.m., and the program begins at 7:30 p.m.
- The Holiday Inn & Conference Center is located at 7th North Street & Electronics Parkway in Liverpool.
- Tickets may be purchased in advance – \$30 per person before May 5, \$40 thereafter.
- Students may purchase tickets for \$15 per student before May 5, \$25 thereafter.

(Specify chicken, fish or vegetarian when purchasing tickets.)

Make checks

payable to: "TACNY – Celebration 2006"

and mail to: Mike Hayes,
C&S Engineers,
499 Col. Eileen Collins Blvd.,
Syracuse, NY. 13212.

ADVERTISING AND EXHIBIT INFORMATION

Quarter, half and full page ad space is available in the banquet program. The cost is \$50, \$75 and \$100 respectively. To place an ad, please mail a check to Mike Hayes at the address above and email the ad file by **MONDAY, APRIL 10** to Mike Hayes at mhayes@cscos.com.

12' by 5' exhibit space is available (includes table, chairs, table cloth and utilities) for \$100. Reservations for exhibit space will be accepted through May 8, please contact Mike Hayes at 315. 455.2000 for details.

Special offer — full page ad and exhibit space – \$160.



Syracuse Section - Syracuse, New York



Technologist

ONLINE NEWS

WASHINGTON (17 March 2006) -- IEEE-USA today issued a statement in response to the retirement announcement by House Science Committee Chairman Rep. Sherwood Boehlert (R-N.Y.):

"IEEE-USA is saddened by Rep. Boehlert's announcement that he will be retiring at the end of the year after twelve terms in Congress representing New York's 24th District. During his tenure as House Science Committee chair, Rep. Boehlert has been a champion for the nation's science and technology enterprise, and can reflect on a long and distinguished record of accomplishment in promoting innovation, education and the environment. At a time when the United States faces new global challenges to our technological competitiveness, Rep. Boehlert's voice in Congress will be sorely missed. We wish him the best in his future endeavors."

Boehlert received IEEE-USA's Distinguished Public Service Award in 1995.

TWO NEW IEEE JOURNALS PREMIER ONLINE: The first issues of "IEEE Computational Intelligence Magazine" and "IEEE Transactions on Information Forensics and Security" have been published and are now available online through the IEEE Xplore digital library.

Computational intelligence is defined as a multi-faceted discipline dedicated to the shared knowledge of design, theory, development, and application of biologically and linguistically motivated computational models. The first issue of "IEEE Computational Intelligence Magazine" includes features on Evolutionary Computation and Evolvable Hardware.

"IEEE Transactions on Information Forensics and Security" will cover related fields such as digital rights management, content identification, transaction tracking, surveillance, networking, law enforcement, and legal and ethical issues. The first issue includes papers on human identification based on facial animation and signature verification, among others.

The table of contents and abstracts for all papers in these issues can be found in the IEEE Xplore digital library, where subscribers may also access the full text of the articles:

CALL FOR 2006 EDUCATION AWARD NOMINATIONS: The IEEE Educational Activities Board seeks nominations for seven awards that recognize IEEE members, sections, pre-university educators and employers of members who have made noteworthy contributions to education. The deadline for nominations is 30 April. For award descriptions, honorarium details, and nomination packets, Visit <http://www.ieee.org/portal/cms_docs/education/EABAwards/index.htm>.

BOOKMARK THIS!

Check out our Section Calendar at <http://www.ewh.ieee.org/r1/syracuse/cal.htm> for additions, updates and directions to meetings. This includes meetings that we have not been able to add to the Technologist due to scheduling. The Syracuse Section will add meetings for other organizations where IEEE members are invited and link to your web page. Don't have a web site for your organization? We will include the information on ours for related technical societies. Contact Don Herres at d.herres@ieee.org.

Those members who need to CHANGE CONTACT INFO on file with the IEEE, including e-mail addresses, should do so at:
 <<http://www.ieee.org/membership/coa.xml>>

IEEE

CONTACT INFORMATION

IEEE Operations Center
<http://www.ieee.org>
 445 Hoes Lane
 Piscataway NJ 08855-0331
 Switchboard: +1 732 981 0060

IEEE Regional Activities

SYRACUSE SECTION Meeting Information

Our Executive Committee Meetings are held on the first Friday of the month and are open to all members. Minutes are available online at <http://www.ewh.ieee.org/r1/syracuse/meet.htm>

Check out the all new Syracuse Section website:
<http://www.ewh.ieee.org/r1/syracuse/>

Message from the Chair – Mike Hayes, P.E.

I'd like to invite all of you, and especially our Fellows, to attend our annual Fellows Night meeting. As most of you know, Fellow is highest grade of membership in IEEE and less than 1% of all IEEE members are Fellows. The presentation about magnetic levitation trains should be very interesting. See the announcement elsewhere for more details.

As a reminder, the Syracuse Section is one of the sponsors of the IEEE Radar Conference. People from all over the world will be attending to learn about cutting edge radar technology. I know Scott Stumpf will be breathing a sigh of relief by the time the next newsletter comes out. The conference theme *Radar...Our Sight into a Spectrum of Information* emphasizes the increasingly wider spectrum of target and environmental information that is emerging from innovative radar research, systems technology, and component development for civilian, defense, and space applications. There is more information on the event web site at <http://www.radar06.org>.

One of the major issues of the day is the concern about the declining numbers of young people studying and going into careers that require highly technical education, such as electrical and computer engineering. There is a widely accepted consensus that unless young people develop an interest in technical careers by the time they're in middle school, it is highly unlikely they will ever become "technologists" as adults. This is obviously a nationwide problem. However, solutions often arise from grass roots level efforts.

Under the leadership of our Section Vice Chair, Dr. Prasanta Ghosh, we (Section Executive Committee) are looking into ways to expand our IEEE Syracuse Seeds for Science program beyond participation in the Greater Syracuse Scholastic Science Fair. We will probably increase funding of this program to some extent, although how we will allocate those funds has not been determined.

That's where **you** come in. In order to increase our outreach to pre-college children, we are going to need **your** support. We will need volunteers for mentoring, giving presentations at schools, maybe having periodic emails with students, and whatever else people are interested in that can help our pre-college students develop an interest in engineering and other technical careers. Although I am dating myself, I still remember the day when I decided to become an electrical engineer when I was 10 years old. That day was when President Kennedy said we were put people on the moon before the end of the decade. I decided that being an electrical engineer would be a great way to be part of that. The ironic thing is that I never worked for NASA or had anything to do with space missions, but I obviously followed through and became an EE. Sometimes all it takes is a little "spark" (pardon the pun from an EE) for a person to develop a life-long interest in technology. That's what we're hoping to accomplish locally. How we do that is wide open. I'm hoping we can get something going by this fall.

Please feel free to contact me if you have any comments, suggestions, or ideas for getting our young people interested in technology at m.hayes@ieee.org or (315) 455-2000.

Date	Time	Sponsor	Location	Topic	Contact
3 Apr	TBD	IAEI	Cortland	Hazardous Locations & the NEC Speakers: Lon Ballard, Paul Miller	See http://empire.iaei.org/ for more info
20 Apr	Network 5:30 PM Dinner: 6 PM Presentation: 7 PM	IEEE Syracuse Section Fellows Night	Sheraton Syracuse University, 801 University Ave	Magnetic Levitation Trains in Shanghai, China Speaker: Philip Holmer	Mike Hayes, 455-2000 m.hayes@ieee.org Or mhayes@cscos.com
22 Apr	8 AM – 5 PM	Syracuse University	Syracuse University, Link Hall	College of Engineering & Computer Science Open House	
24 ~ 27 Apr	See conference schedule	IEEE Aerospace & Electronics System Society; IEEE Mohawk Valley & Syracuse Sections	Turning Stone Casino & Resort, Verona, NY	2006 IEEE Radar Conference	Scott Stumpf srstumpf@ieee.org
26 Apr	Network 5:30 PM Dinner: 6 PM Presentation: 7 PM	IEEE IAS/PES Chapter, IES, NSPE	Park West Restaurant, 3380 Milton Ave Camillus	Latest in Photovoltaic Technology, 1 PDH for NY PE Speaker: Dr. Gay Canough	Norm Traino, (315) 635-3232, ntraino@cnymail.com
15 May	Expo 12:30 PM Celebration of Technology 6:00 PM	IEEE, NSPE, ASCE, ASME, SFPE, TACNY	Holiday Inn Liverpool, 441 Electronics Pkwy	CNY Engineering Expo 4 PDH for NY PE & Celebration of Technology Banquet	Mike Hayes, 455-2000 m.hayes@ieee.org Or mhayes@cscos.com
18 ~ 20 Aug	8:00 AM	IEEE Region 1, hosted by Syracuse Section	Sheraton Syracuse University, 801 University Ave	Regional Board of Governors Meeting & Officer Training	Don Herres d.herres@ieee.org



IEEE Industrial Applications & Power Engineering – Syracuse Chapter

illuminating Engineering Society – Central New York Section

NY State Society of Professional Engineers – CNY Chapter

Joint Meeting

Topic: The Latest in Photovoltaic Technology

Speaker: Dr. Gay Canough

Location: Park West Restaurant
3380 Milton Ave, Camillus
Restaurant Phone: (315) 487-6343

Date: Wednesday, April 26, 2006

Time: 5:30 PM – Networking
6:00 PM – Dinner
7:00 PM - Presentation

Cost: \$25

Reservations: Norm Traino, (315) 635-3232, ntraino@cnymail.com, by April 24, 2006

Dr. Canough will discuss the state of the art in photovoltaic (PV) technology, including how solar electric systems work, how much electricity you can make, different types of solar panels and solar roofing materials. She has designed and installed solar electric and hot water systems. Dr. Canough has designed and installed hardware and has written software for performance monitoring of renewable energy systems. She has installed over 350 kW of PV since 1993 and is a Certified PV Installer. Dr. Canough is also a past Chair of the IEEE Binghamton Section.

This program has been submitted and is expected to qualify for 1 PDH for NY Professional Engineers.
Contact Mike Hayes, PE for confirmation at (315) 455-2000 or email: mhayes@cscos.com or m.hayes@ieee.org.

FELLOWS NIGHT

Syracuse Section

Topic: Magnetic Levitation Trains in Shanghai, China

Speaker: Phillip Holmer, TITAN Prog Mgr, Civil Aviation Systems

Location: Sheraton Syracuse University Hotel & Conference Center
801 University Ave.
Syracuse, NY 13210
Hotel Phone: (315) 475-3000

Date: Thursday, April 20, 2006

Time: 5:30 PM – Networking
6:00 PM – Dinner
7:00 PM - Presentation

Cost: IEEE Members & one guest: \$15 per person
Students & Life Members & one guest: \$5 per person
Non-members: \$30 per person

Reservations: Mike Hayes, 455-2000, mhayes@cscos.com, by April 18, 2006

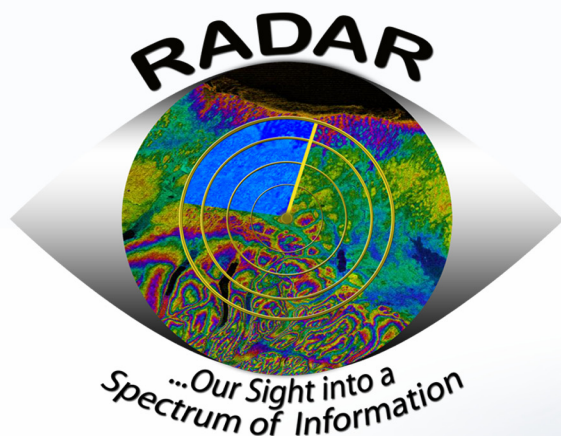
Mr. Holmer had an article published in the August 2003 “IEEE Spectrum” about the magnetic levitation train system in Shanghai.

Abstract

China is throttling up a 430-km/h magnetically levitated train to link Shanghai and its airport. Built in China by a trio of German companies and the Shanghai Maglev Transportation Development Co., it reaches 430 km/h (268 mi/h)-130 km/h faster than Japan's famous bullet train. And even as it goes faster than any commercial vehicle without wings, the Chinese train is smoother and quieter than Amtrak's wheel-on-rail Acela-the state of the art in the United States-which pokes along when it can at a maximum 240 km/h. After many false starts and the completion of full-scale experimental maglev systems in Japan and Germany in the 1980s, maglev in China will finally start shuffling passengers in October in a reasonably large-scale, commercial system. The trains will run from downtown Shanghai's financial district to Pudong International Airport, making a 9-minute run that will shave about 40 minutes off the typical trip time in a taxi. With three five-car trains, each carrying as many as 574 passengers, and trains leaving every 10 minutes, the US \$1.2 billion system could carry more than 10 million passengers a year.



2006 IEEE Radar Conference



April 24 - 27, 2006

Turning Stone Resort
and Casino
Verona, NY USA

www.radar06.org

“Radar...Our Sight Into a Spectrum of Information,” Highlights the Connection Between Radar and Information. This Theme Provides an Interesting Perspective to Consider the Increasingly Wider Spectrum of Target and Environmental Information that has Evolved, Far Beyond the Original Capability to Detect the Target and Determine its Range, from Innovative Radar Research, Technology, and Component Development, for both Military and Civilian Applications.

For more information visit www.radar06.org



Sponsored by: Aerospace & Electronic Systems Society
Mohawk Valley IEEE Section
Syracuse IEEE Section

Logo background image courtesy NASA/JPL-Caltech.



INFORMATIONAL MEETING NOTICE

We're exploring the possibility of starting an Upstate NY Chapter of ASHE. At this meeting, ASHE will be making a presentation about the Society, its benefits, costs, etc., and how to form a chapter.

If you or anyone in your organization is interested in learning more about this organization, please come to this meeting.

WHERE: EMBASSY SUITES HOTEL, SYRACUSE, NY

WHEN: TUESDAY, APRIL 18, 2006

TIME: COCKTAILS (Cash Bar): 5:30 to 6:30 PM
DINNER & PRESENTATION: 6:30 TO 8:30 PM

COST: Just your time

RSVP to John Franz, CDM
No later than April 11, 2006
(Phone: 315-434-3227 or Email: franzjw@cdm.com)

PLEASE PASS THIS OUT TO OTHERS THAT YOU THINK MIGHT BE INTERESTED

NOTE:

We are also looking for people from the Southern Tier and Rochester Areas to see if there is enough interest in future Chapters in these areas

2006 Mohawk Valley Engineering Executive Council Annual Symposium

Thursday, May 18th, 2005

7:30am-4:30pm

Call For Abstracts:

Abstracts Must Be Submitted By April 15th To Be Considered In This Year's Symposium!

Scope of Symposium

MVEEC's 2nd annual Symposium fosters interaction between Engineering professionals through presentations, demonstrations of new technologies, research ideas and networking. Invitations for papers or presentation submissions will again be sent throughout New York. Industry engineers, college and university staff are invited to participate in the symposium as a presenter or attendee. All papers are subject to approval by the MVEEC abstract committee and must be engineering level presentations. Approved presenters will be notified personally regarding approval by April 21st, 2006. Presentations will be 30 minute sessions based on the topics below. We will consider other topics if you have a unique idea. This is an unusual opportunity in this area so please come and enjoy the day and network with your peers. Additionally, we plan on having companies such as Intel, TI and others provide presentations again and also have a notable door prize to be given away at the end of the day!

Location and cost:

Mohawk Valley Community College

1101 Sherman Drive

Utica, NY 14623

The cost of the day long symposium will be 25.00 dollars per person and 10.00 dollars for students. Pre-Registration is suggested by calling William Denale at 315-738-0600 Ext. 644 (8-5 days). Registration will also be available at the door. Please make checks payable to MVEEC. Lunch will be available at your own expense in the MVCC Cafeteria from 11:45-1:15.

Submissions:

Approved presenters will receive free admission for the presenting individual (only) and also be allowed to distribute paper or soft copies of their presentation to attendees. Presenters are responsible for any copyright, licensing or clearance compliance. Please send your abstract via e-mail to william_denale@partech.com and feel free to call if you have any questions.

150-300 word abstract, class topic or demonstration description in Text, Microsoft Word or PDF format.

Submission should include title, data, all credited authors and their affiliations, E-mail address, phone number and postal mailing address.

Please place "MVEEC ABSTRACT" of the e-mail subject line.

Suggested Topics:

Emerging Technologies (Nanotechnology, etc.)

Electrical Engineering and Design

Software Engineering

Civil Engineering

Mechanical Engineering/MEMS

Bio-Medical Engineering

Photonics

Cyber-Technology

Advancements in Manufacturing and Quality Engineering

Best Regards,

William Denale

2006 Chairperson-MVEEC

315-738-0600 Ext. 644 (Days M-F)

SEND abstracts to the following E-mail: william_denale@partech.com

If you have any questions, please contact me at the same e-mail.

CENTRAL CHAPTER NY STATE SOCIETY OF PROFESSIONAL ENGINEERS

NEWSLETTER

APRIL 2006

President's Message - Mike Hayes, PE

I will be representing the Chapter at the NY State Society of Professional Engineers Strategic Planning conference in Saratoga Springs on April 6 & 7. The major effort at this conference will be to define what, if any, re-definition of goals for NY State Society of Professional Engineers committees and task forces should be, what will be expected from their members, and what structure, timelines and deliverables need to be established. That probably sounds like a bunch of bureaucratic gobbledygook. However, what we're really trying to do is figure out what services our members want and the best way to provide them. That's easier said than done. My goal is to provide low cost and high quality continuing opportunities for NY PEs. A corollary to that is publicity of opportunities throughout the state. We're making progress there via the www.nysspe.org web site, but we have quite a way to go.

On a related note, we continue to work on the programs for the Mini-Expo on May 15, 2006 at the Holiday Inn in Liverpool. We expect to have the speakers confirmed soon. There will be an opportunity to earn four PDHs. The cost will be \$65, which includes the Celebration of Technology Banquet. Just click on www.cnype.org for the current schedule and other information.

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

One of our own, Dick Simberg, PE (ret.), will be discussing bridge failures based on his years of experience with the NY DOT at our "PDH lunch" on April 20, 2006 at C&S Engineers. These meetings are open to everyone. A top notch presentation, lunch, and a PDH for 10 bucks. You can't beat that!

We're having a joint meeting with ACEC on April 25, 2006 at noon at the Wyndham Hotel near Carrier Circle. 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://www.syracusecoe.org/>.

According to many articles, as well as anecdotal experience locally, there is already a shortage of engineers and technicians. Our Board of Directors is interested in doing what we can at the local level to encourage our young people to pursue careers in engineering. To that end we met with representatives from OCC and Lincoln Middle School to discuss this. This was just the first step in what I expect to be an evolving process as we identify opportunities and how we can support them.

Our awards to high school seniors who plan to pursue engineering careers as well as our support of MATH-COUNTS are meant to encourage pre-college students to study math, science, and engineering. It's not enough. One key item we will need is you. Based on our meeting, schools and colleges are very interested in interacting with working engineers. Of course, they are happy to accept donations, but networking with people

is probably more important. I will be asking for your personal support as we look into developing programs in the future.

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.

NSPE MEETING NOTICE

Topic: **Qualitative Review of Bridge Failures**

Speaker: **Richard Simberg P.E. (ret.)**

Date: **Thursday, 4/20/06**

Time: **11:30 AM – Networking**
Noon – Buffet Lunch
Presentation after lunch

Location: **C&S Engineers**
499 Col Eileen Collins Blvd (access road to Hancock Airport)
Syracuse, NY

Cost: **\$10**

RSVP: **Mike Hayes, PE**
315-455-2000
mhayes@cscos.com

Mr. Simberg served as Chief Engineer for the NYS Department of Transportation after the collapse of the Thruway bridge over Schoharie Creek and led the Department's development of a new quality assurance program for bridge safety. He will share insights gained from that experience and those of his years as Regional Director in the Mohawk Valley and Central NY Regions.

This presentation has been approved for one professional development hour (PDH) for New York Professional Engineers.

CALENDER

Date/Time	Topic	Speaker	Location	Cost	Contact
4/20/06	Qualitative Review of Bridge Failure.	Richard Simberg PE (ret.)	C&S Engineers	\$10	Fifth in series of "PDH" luncheons. Mike Hayes, PE, 455-2000, mhayes@cscos.com.
4/25/06	Syracuse Center for Excellence in Environmental and Energy Sys-	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. 4 PDHs
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	Various	Various	Holiday Inn, Liverpool	TBD	2006 CNY Engineering Expo 6 PDHs.

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:

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- • 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.

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.

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Technologist Contact Information

Editor (also IEEE)	Brian O'Hern	697-2352	b.ohern@ieee.org
President IEEE	Michael R. Hayes, P.E.	455-2000	mhayes@cscos.com
President TACNY	Howie Hollander	456-6287	hollander@tacny.org
President NSPE	Michael R. Hayes, P.E.	455-2000	mhayes@cscos.com
Editor TACNY	Bill Busher	434-1242	Bill.Busher@inficon.com
Editor NSPE	Dick Simberg	245-4661	NBDICK@hotmail.com

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