

Technologist

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

SYRACUSE AREA TECHNICAL SOCIETIES COUNCIL

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
AFS - American Foundryman's Society	Kevin Walker	Chair	477-5151
AIA - American Institute of Architects	Jamie Williams	Pres.	476-8371
AIAA - American Institute of Aeronautics & Astronautics	John E. LaGraff	Chair	
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	Tom Buswell	Pres.	432-6510
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	Paul Mahaney	Pres.	443-5328
ISMC - 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 CNY has been reporting on technical excellence since 1903.

Vol. 9 No 8

April 2007



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

- 2005-2006 Officers List, Page 11
- Awards nomination form, Pages 12 & 13
- Are Paranomal Events Real?, Page 14
- Teacher Award Nomination Form, Page 15

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



- President's Message, Page 9
- Electric Power Systems Overview, Page 10

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



- Online News and Contact Info, Page 2
- The Technology of Windpower, Page 3
- Current Calendar of Events, Page 4
- Message From The Chair, Page 5
- Climate Crisis Presentation, Page 6
- Fellow's Night, Page 7
- GOLD Conference Page 8

The Institute Online

WASHINGTON (23 March 2007) -- Healthcare experts will discuss the challenges and opportunities of RFID technology in health care and its implications on government policy during the first IEEE International RFID Conference (IEEE RFID 2007). The panel will look at what training and processes must be installed to take advantage of RFID technology; what standards and government regulations need to be developed; and what laws need to be passed, among other topics.

The "RFID Issues in Health Care" luncheon panel is Tuesday 27 March from

11:45 a.m. to 1:30 p.m. at the Gaylord Texan Resort and Convention Center in Grapevine, Texas.

Dr. Daniel Engels, program chair, IEEE RFID 2007, and assistant professor and director of the Radio Frequency Innovation & Technology Center at the University of Texas at Arlington, will moderate. Dr. Engels is the former director and founder of the MIT Healthcare Research Initiative in Cambridge, Mass., a program designed to employ RFID technology to improve patient safety. "RFID technology is already employed by many healthcare practitioners in a variety of applications," Dr. Engels said. "The discussion about how to incorporate RFID technology in healthcare delivery systems is gaining in volume, as is the debate about how to provide adequate, affordable healthcare. We hope our experts can shine some light on the significant opportunities for RFID technology in the healthcare industry."

Panelists include Dr. John K. Stevens, chairman of Visible Assets, Inc., and chair of the IEEE RuBee Standards Working Group; Michael Meistrell, president of Healthcare Informatics & Management Consultancy; and Peter Spellman, co-founder and senior vice president of products and services for SupplyScape Corp.

About IEEE RFID 2007:

Sponsored by IEEE-USA, the IEEE New Technology Directions Committee and IEEE Region 5, IEEE RFID 2007 is co-located with RFID WORLD 2007, the largest trade show and exhibition for the worldwide RFID industry, 26-28 March 2007 at the Gaylord Texan Resort in Grapevine, Texas. With more than 370,000 members in over 160 countries, the IEEE (Institute of Electrical and Electronics Engineers) is the world's leading professional association for the advancement of technology. IEEE-USA advances the public good and promotes the careers and public policy interests of more than 220,000 engineers, scientists and allied professionals who are U.S. members of the IEEE. For more information and to register, see www.ieee-rfid.org.

2008 IEEE Sections Congress. This event will be held 19 – 22 September 2008 in Quebec City, Canada. The theme for SC08 is "Celebrating Volunteer Achievements Worldwide". The specific program for the event is being developed but we do know that the IEEE Board of Directors has agreed to conduct the 2008 IEEE Honors Ceremony with IEEE Sections Congress. The ceremony highlights the accomplishments of each year's IEEE Award and Medal recipients. All SC'08 participants will be invited to attend the ceremony. Please plan on having a representative from your Section attend SC08.

2011 IEEE Sections Congress. The RAB/TAB Section/Chapter Support Committee has agreed to accept proposals from Sections regarding the location for SC2011. The proposals are due by 1 October 2007 and a recommendation will be presented to Regional Activities Board no later than February 2008.

AWARD NOMINATIONS – RAB and EAB Friend of IEEE Regional Activities Award - Does your Section get support from a local company to conduct activities? If yes, consider submitting a nomination for Friend of IEEE Regional Activities Award. Nominations are accepted at any time. The recipients are provided with an attractive plaque.

Examples of support include getting time off to travel to IEEE meetings, offering company space to conduct IEEE meetings, encouraging and/or promoting membership in professional organizations and/or supporting the volunteer by permitting free or discounted use of company resources for such things as telephone, fax, electronic mail, printing newsletters and/or other circulars. Visit the RAB Awards page <<http://www.ieee.org/rabawards>> or send an email to rab-awards@ieee.org for more information.

Educational Activities Board 2007 Call for Nominations Includes New Award

The IEEE Educational Activities Board is seeking nominations for its 2007 Education Awards. In addition to its seven existing recognitions, a newly-established annual award for Meritorious Achievement in Informal Education will be presented this year. The Meritorious Achievement in Informal Education award recognizes IEEE members who volunteer as librarians, docents, tour guides, or curators; or who act as technical advisors to or serve as board members of aquariums, museums, parks, zoos or similar settings where teachers, students, and the public benefit from their professional expertise in science and technology. The deadline for all nominations is 30 April.

IEEECONTACT INFORMATION

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

IEEE Regional Activities
<http://www.ieee.org/ra>
+1 732 562 5501 (voice)
+1 732 463 3657 (fax)
regional.activities@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>>**

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/>**



IEEE/LM MEETING NOTICE
Institute of Electrical & Electronic Engineers, Syracuse Section
IEEE – all Life & Section Members, Spouses & Guests

When: Tuesday, April 17, 2007

Topic: The Technology of Windpower

Speaker: RICHARD J. PIWKO
Director, Energy Consulting
GE Energy

Mr. Piwko joined GE Energy's Energy Consulting department in 1976. His responsibilities include management of large-scale system studies, power plant performance testing, control system design, and specialized analysis of interactions between turbine-generators and the power grid. He and his team recently designed and manufactured the substation control system for GE's Variable Frequency Transformer (VFT), a new product that transmits power between two asynchronous networks. Drawing on his experience with numerous HVDC projects, he served as editor for the EPRI HVDC Handbook. He has authored more than 70 technical papers dealing with power systems. He also recently directed the NY State Wind Integration Study, commissioned by NYISO and NYSERDA, to evaluate the effects of connecting a large amount of wind generation to the NY State power grid. He has authored more than 70 technical papers dealing with power systems.

Summary: Mr. Piwko will report on the technology required to build successful, large scale wind power installations such as the Maple Ridge Windfarm near Lowville, NY (we made a field trip to view Maple Ridge Wind last fall). Design factors to be covered include capacity value of wind generation, wind variability, day-ahead and hour-ahead forecasting, grid operation, and tie-flow regulation. He will make some predictions on the future role of windpower and the size of the generating units.

DATE/TIME/PLACE: Tuesday, April 17, 2007 at 10 AM till noon at the Greater Syracuse Business Center, 1201 East Fayette Street, Syracuse.

Our usual coffee, tea & doughnuts and conversation at 10 AM followed by the speaker at 10:15 AM.

(Questions: call George Kirkpatrick 458-0082 or e-mail: georgekirk@ieee.org)



Date	Time	Sponsor	Location	Topic
April 6	12:00 PM	IEEE Syracuse Section open to all members	C&S Engineers	Section Executive Committee Meeting
April 11	5:00 PM Networking 6:00 Dinner 6:15 Presentation	IES CNY Section open to IEEE Members	Twin Trees Too Restaurant 1029 Milton Avenue Syracuse	Theatrical Lighting Design & Lighting Systems 1 PDH available
April 17	10:00 - noon	IEEE Life Members Chapter open to all members	Greater Syracuse Business Center	The Technology of Windpower
April 18	6:30 PM - 8:00 PM	IEEE Syracuse Section & TACNY	Whitney Auditorium OCC	Scientific & Paranormal Investigations Conducted by CSI
April 24	6:00 PM Networking 6:30 Dinner 7:30 Presentation	IEEE Syracuse Section open to all members	Syracuse University Sheraton	Fellows' Night Global Warming John Manning, Earth Sensitive Solutions 1 PDH available
April 27	12:00 PM	IEEE Syracuse Section open to all members	C&S Engineers	Section Executive Committee Meeting
May 2	6:30 PM - 8:00 PM	IEEE Syracuse Section & TACNY	Whitney Auditorium OCC	Finding out how Engineers use Statistics
May 8 - May 24	6:00 - 9:00 PM	IEEE Syracuse Section & NSPE - open to all	C&S Engineers	Electrical Power System Engineering for non-EE's 18 PDH's available
May 9	full day bus trip	IES CNY Section open to IEEE Members	Jacob Javits Convention Center New York City	Bus Trip to LIGHTFAIR 2007
May 14	5 PM Networking 6:30 Dinner 7:30 Program	TACNY cosponsored by IEEE Syracuse Section	Holiday Inn & Conference Center Electronics Parkway Liverpool	Celebration of Technology Story Musgrave featured speaker
August 3	12:00 PM	IEEE Syracuse Section open to all members	C&S Engineers	Section Executive Committee Meeting
September 7	12:00 PM	IEEE Syracuse Section open to all members	C&S Engineers	Section Executive Committee Meeting
October 5	12:00 PM	IEEE Syracuse Section open to all members	C&S Engineers	Section Executive Committee Meeting
November 9	12:00 PM	IEEE Syracuse Section open to all members	C&S Engineers	Section Executive Committee Meeting
January 4	12:00 PM	IEEE Syracuse Section open to all members	C&S Engineers	Section Executive Committee Meeting

Message from the Chair

There are a lot of things going on at the Section level. I am repeating a few from my comments in the December and February newsletters, because I think they are significant.

First, Bill Penn was elevated to the grade of Fellow, for contributions to electronic and electro-optical systems for detection and communication. Bill is our newest Fellow. We will be honoring all of our Fellows at our annual Fellows Night dinner on April 24, 2007 at the Syracuse University Sheraton.

Thanks to the leadership of Dr. Prasanta Ghosh, our Section Vice Chair, Scott Stumpf, our PACE Chair, and Marian Chaffe, Syracuse University Student Branch, the LEGO Mindstorm project at Lincoln Middle School in the Syracuse City School District is now a reality. I want to thank all the volunteers from the IEEE Student Branch who have made this project come to life. We couldn't have done it without you. I also want to thank Gwendolyn Maturo, the teacher who's the project leader at Lincoln. I am still really excited about this, since this is our first local pre-college project. With any luck, some of these students might become future electrical or computer engineers. If we can get enough volunteers, I hope we will be able to expand this to one more school next year.

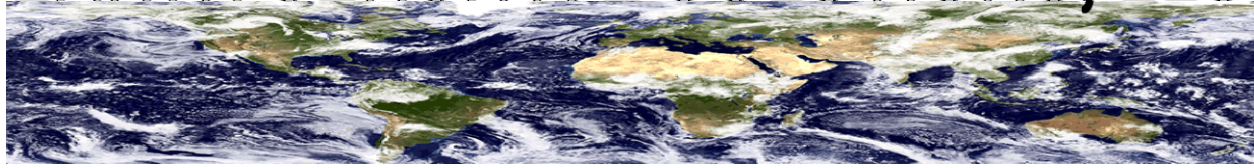
Our new EMBS Chapter (Engineering in Medicine & Biology Society) in the Syracuse Section is now official. I received the official notification late in March. I want to thank Al DiRienzo (Welch-Allyn), our Chapter Chair, and Nathalie Gossett (University of Southern California – where I received my Master's Degree), EMBS Chapter Development Chair for their efforts in starting this chapter. The first organizational meeting will have occurred by the time you read this.

Bill Maxwell, our Section Treasurer, gave me very good news a few weeks ago. The Syracuse Section received our share of the 2006 IEEE Radar Conference surplus, which was over \$26,000! We now have about \$50,000 "in the bank". This will let us do more activities in support of the community, as well as provide services to our members. I want to especially thank Scott Stumpf, who was instrumental in bringing the Radar Conference to our area last year.

I hope we can form GOLD (Graduates Of the Last Decade) and/or WIE chapters in the Syracuse Section in the next year or two. We have enough members to form a GOLD chapter now. All we need are some people to step forward. Help is available from the Section and from Region 1. We probably don't have enough WIE members to form a chapter now, but that can change. Did you know that men can join WIE? I didn't know that until recently. I'd like to membership increase enough for us to form a chapter.

Finally, I'd like to point out two other events. Yours truly will be teaching a short for people who aren't electrical power system engineers and who want to learn a little about power systems (see NSPE portion of this newsletter). Astronaut Story Musgrave, who helped repair the Hubbell Space Telescope, will be the keynote speaker the Celebration of Technology Banquet on May 14, 2007 (see TACNY section of this newsletter). IEEE is among the many professional groups supporting this event. Our own Mary Reidy is the banquet chair.

EARTH SENSITIVE SOLUTIONS, LLC



Climate Crisis Presentation

John D. Manning, PE is one of 1,000 Volunteers in The Climate Project, each have received extensive training and exposure to the science behind the slide show and passionate presentation embodied in *An Inconvenient Truth*. The objective of the Climate Crisis Presentation is to raise the awareness of the unprecedented agreement in the scientific community as to the seriousness of man's impact on the earth's climate mechanisms, the incredible audacity of the energy power structure perpetuating any lingering doubts in order to prolong their economic vitality regardless of the long term consequences, and the need for each one of us to realize the moral imperative to change the status quo. This objective is achieved by conveying specific scientific facts about atmospheric concentrations of CO₂, the correlation to rising temperatures, the sensitivity of various climate controlling mechanisms, and the projected impact of continued escalation of emission rates.

The speaker will share his personal experiences as well as the inspirational story behind Al Gore's exposure to this issue and his unrelenting commitment to learning about the issues directly from the internationally respected scientists who are at the front lines of understanding the scope and urgency of the Climate Crisis.

John D. Manning, P.E. is President of Earth Sensitive Solutions, LLC, with over 25 years of experience in mechanical engineering, and 20 years of experience with geothermal and solar thermal system installation and design.

With six patents in heat pump design, three years as an installing contractor, 25 years as a professional engineer, Mr. Manning brings a unique perspective to the impact of mechanical system design decisions and corresponding long term impact in the area of Global Warming. This perspective combined with a compassionate sensitivity to environmental impact has provided hundreds of opportunities for Mr. Manning to contribute to the overall success of geothermal projects from Port Augusta, Australia to Auburn, NY. These projects include hospitals, office buildings, academic facilities, dormitories, military housing, and low-income housing projects, as well as the first LEED 2.0 Gold rated facility, the Cambria PA DEP Office in Ebensburg, PA.

IEEE Syracuse Section Fellows Night

- Topic:** Global Warming
- Date:** Tuesday, April 24, 2007
- Speaker:** John Manning, PE, President, Earth Sensitive Solutions
- Times:** 6:00 PM - Networking; 6:30 PM - Dinner; 7:30 PM - Presentations
- Location:** Syracuse University Sheraton, 801 University Ave. Syracuse, NY
- Cost:** \$10 – IEEE members (plus one guest @ \$10)
\$5 – IEEE Life Members (plus one guest @ \$5)
Free – IEEE Fellows plus one guest
Free – IEEE Student Members (plus one nonmember guest @ \$5)
\$20 - Nonmembers

Reservations: Mike Hayes, 455-2000, mhayes@cscos.com or m.hayes@ieee.org, by Friday, April 20, 2007

There will be 1.0 PDH offered for this presentation.

Please join us for our annual IEEE Syracuse Fellows Night meeting. Pardon the pun, but I think you'll enjoy this presentation about the one of the "hot" topics of the day. The facts concerning global warming will be presented by John Manning, PE, a local expert in this phenomenon, as well as some ideas about what we could, and should, do about it. There are more details below.

The Section has decided to heavily subsidize the cost of this meeting to stimulate attendance for our major function of the year. The purpose of this meeting is to recognize the Syracuse Section Fellows, including our newest Fellow, Bill Penn. Only about 1% of IEEE members are Fellows, which is the highest grade of IEEE membership. Approximately 3% of Syracuse Section members are Fellows.

We will also recognize the IEEE Student Branch at Syracuse University, which has been in existence over 100 years - longer than the Section itself. We have been fortunate to have a strong Student Branch for many years due to the efforts of Dr. Jay Lee and the Branch leaders.



IEEE



2007 REGION 1 GOLD CONFERENCE

Jointly held with IEEE Region 1 Student Conference
Hosted by Fairleigh Dickinson University IEEE Student Branch

Friday April 27th to Sunday April 29th, 2007

Conference Highlights:

- Career Fair
- Resume Walk-in Clinic
- Student Paper Contest
- Micromouse Competition
- GOLD Competition
- GOLD and WIE Meetings
- Special Presentations
- GOLD Professional and Soft Skill Seminars
- Social and Networking with Industrial Professional Event
- Award and Dinner Banquet
- IEEE Benefits and Membership Values Exhibit

For more information and on-line registration,
please visit Region 1 GOLD website

<http://www.ewh.ieee.org/reg/1/gold/>

Conference Location:

Fairleigh Dickinson University
1000 River Rd
Teaneck, NJ 07666

Best Western Oritani Hotel

414 Hackensack Avenue
Hackensack, NJ 07601
Rate: \$99 per night
Tel: (201) 488-8900
<http://www.bestwesternnewjersey.com/hotels/best-western-oritani-hotel/>

Conference Pass:

\$20 for non-IEEE member
Waved if sign up for membership on-site

Award Dinner Banquet Fee:

Free for Student Members
\$20 for others

Contact E-mail: gimsoon@ieee.org

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

NEWSLETTER

APRIL 2007

President's Message - Mike Hayes, PE

I am pleased to announce an opportunity to earn 3PDHs per evening (6-9)pm, over 6 days for a total of 18PDHs for only \$150 which includes the cost of sandwiches, salad, pizza, soft drinks, etc. The subject is "Electrical Power System Overview" and is suitable for "New" electrical power system engineers, non-electrical power system engineers, experienced engineers interested in a refresher course, electricians, and inspectors. The course will be taught by yours truly. For those who cannot attend all the sessions individual evenings are available. 315/455 2000, mhayes@cscos.com

We are soliciting nominations for the Central New York Engineer of the Year an award for A Central New Yorker, selected by the Central NY Chapter of the New York State Society of Professional Engineers, who has made outstanding career contributions to advances and improvements in engineering. The award will be presented at the Celebration of Technology Banquet on May 14. Any P.E. who lives in our Chapter's area (Cayuga, Cortland, Madison, Onondaga, or Oswego counties) can be nominated. For review by the CNYPE Board of Directors, please submit a short resume of career contributions and any other information you feel appropriate to: Richard Simberg: nbdick@hotmail.com, 315/363 9722.

As I'm sure you have read, the February Eweek dinner had to be postponed for lack of attendance. The banquet was reasonably priced at the Syracuse Sheraton with ample parking and included a well informed speaker on global warming, probably one of the greatest engineering challenges ever. It celebrated the major week honoring engineering and was even pre-qualified for a PDH. Please: Let me hear from you on how we can improve these events, which are at the heart of our chapter's existence, so that you will attend in the future. 315/455 2000, mhayes@cscos.com

WEBSITE

To keep current right up to the event, go to our website at <http://www.cnype.org> .

Electrical Power System Overview

18 PDHs FOR \$150

A Continuing Education Short Course for Engineers

Each class will be approved for 3 PDHs. A total of 18 PDHs are available.

INFORMATION & REGISTRATION

The short course will be held from 6:00 PM to 9:00 PM in May 2007 (see below) at:

C&S Engineers

499 Col. Eileen Collins Blvd. (Hancock Airport access road), Syracuse, NY 13212

NEC = NFPA 70, National Electrical Code, NEC 123 = National Electrical Code Article 123

Electrical Power System Engineering Overview for non-Electrical Engineers			
Attend	Class #	Date	Topic
	1	Tuesday, May 8, 2007	Typical building power system description, National Electrical Code (NEC) overview, single & three phase systems, voltage levels, & clearances
	2	Thursday, May 10, 2007	Services, feeders & branch circuits
	3	Tuesday, May 15, 2007	Overcurrent protection & grounding
	4	Thursday, May 17, 2007	Motor circuits & transformers
	5	Tuesday, May 22, 2007	Special cases: hazardous areas, elevators, hospitals, fire pumps
	6	Thursday, May 24, 2007	Load calculation & class exercise

Cost: Supper (sandwiches, salad, pizza, soft drinks, etc. – will vary) is included in the price.

IEEE or NSPE member number: _____ (required to get member price)

Deadlines	Register <u>AND</u> Pay on or before 4/27/07		Register & pay on or after 4/28/07	
	NSPE & IEEE Members	Non-members	NSPE & IEEE Members	Non-members
All classes	\$150	\$180	\$175	\$210
Individual classes	\$30	\$35	\$35	\$40

Name of individual for registration: _____

Organization: _____

Address: _____

Phone: _____ Fax: _____

Email: _____

Cash or check (no credit cards): Make check payable to: **CNY Chapter, NYSSPE** and reference “short course” in the memo portion of the check.

Mail checks to: Mr. Tim Taber, PE, Stearns & Wheler, One Remington Park Dr., Cazenovia, NY 13035. Email: tptaber@stearnswheler.com.

Officers 2006-2007

President	Howie Hollander	456-6287
First Vice President	Mary Reidy P.E	428-5326
Second Vice President	Marc Viggiano	445-5754
Secretary	Michael Masingale	445-4108
Treasurer	William Busher	434-1242
Technologist Editor	Maria T. Welych	637-0663
Web Page Editor	Jennifer Reina	
Teacher Awards Chair	Dr. Vernon A. Tryon	343-9692

E-mail Contact Information

E-mail 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
membership@tacny.org
technologist@tacny.org
webmaster@tacny.org
teacherawards@tacny.org
jr.cafe@tacny.org
communications@tacny.org

Website of the Month

<http://home.twcny.rr.com/tullywx/globalwarmingtips.html>

Reduce your global footprint

Do your part to help reduce your dependence on carbon-based energy. Dave Eichorn, chief meteorologist for WSYR-TV (Channel 9) who recently gave a talk on global warming at the Milton J. Rubenstein Museum of Science and Technology, has posted several ways that you can reduce your global footprint. Some of them might work for you.

Nomination deadline extended to April 11

Nominate your best employees, college-level instructors, technology projects, and technology companies for TACNY's **annual awards**, which are given out at our annual **Celebration of Technology** banquet. The event will be May 14 at the Holiday Inn Conference Center in Liverpool, and features retired astronaut Story Musgrave as the speaker. We are **seeking nominees** in these six categories:

- **TECHNOLOGIST OF THE YEAR:** A Central New Yorker who has made outstanding contributions to advances and improvements in a technological field, not limited to engineering.

- **YOUNG TECHNOLOGIST OF THE YEAR:** A Central New Yorker, less than 35 years old, who has made recent outstanding contributions to advances and improvements in a technological field, not limited to engineering.

- **TECHNOLOGY COMPANY OF THE YEAR:** A Central New York Technology company that has made outstanding contributions to new and/or innovative products, processing technologies, or productivity leading to enhanced business.

- **TECHNOLOGY PROJECT OF THE YEAR:** A current outstanding technological project, invention or process designed, invented or constructed in Central New York.

- **ENGINEER OF THE YEAR:** A Central New Yorker, selected by or for the Central New York Society of Professional Engineers (CNYSPE), who has made outstanding contributions to advances and improvements in engineering.

- **COLLEGE TECHNOLOGY EDUCATOR OF THE YEAR:** A Central New Yorker who has made outstanding contributions in technology education at the college level.

The deadline for nominations has been extended to April 11. Please follow the directions on the entry form – on the next page – completely. Nominations must include a digital photograph of the candidate in jpeg, tif or bmp format.

**TECHNOLOGY ALLIANCE OF CENTRAL NEW YORK
2007 AWARDS NOMINATION FORM**

Nominee: _____-____-_____ Nominator:_____

Address: _____ Address: _____

_____, NY _____, NY

_____-____-_____

Phone: ()____-____(H)()____-____(W) Phone: ()____-____(H)()____-____(W)

Employer: _____ Professional Society:_____
(if applicable) (if applicable)

Award Nominated For: (Please check one only, see previous page for award criteria)

- TECHNOLOGIST OF THE YEAR
- YOUNG TECHNOLOGIST OF THE YEAR
- TECHNOLOGY COMPANY OF THE YEAR
- TECHNOLOGY PROJECT OF THE YEAR
- ENGINEER OF THE YEAR
- COLLEGE EDUCATOR OF THE YEAR

Summary of reason for consideration:

100-word biography:

TACNY 2007 AWARDS NOMINATION FORM, PAGE 2

Supporting data, detailed reasons, documented achievements, rationale, etc:

Include additional supporting data with this form. Please include references, sources of additional information and a digital photo of the nominee, in jpeg, tif or bmp formats. Send nomination materials to celebration@tacny.org.

DEADLINE FOR SUBMISSIONS: April 11, 2007.

Make your banquet reservations today

TACNY has a deal for you. We have rolled back the prices for this year's **Celebration of Technology** to last year's levels! Make your reservations now. The details:

Date: Monday, May 14, 2007

Time: Networking begins at 5 p.m. with a cash bar; dinner begins at 6:30 p.m.; program begins at 7:30 p.m.

Place: Holiday Inn & Conference Center, Seventh North Street and Electronics Parkway, Liverpool

Price: Tickets are \$30 a person if purchased before May 5, or \$40 a person after May 5.

Students can buy tickets for \$15 per person before May 5 or \$25 per person after.

Companies can buy a 10-person table for \$300, or \$500 with a special Story Musgrave memento for each person at the table.

The Celebration of Technology banquet is also an excellent opportunity for your company to get your message out to scores of Central New York technologists by exhibiting at the banquet and placing an advertisement in the program brochure.

Put on a display to introduce your company or project to Central New York technologists. Exhibit space measures 12 feet by 5 feet and includes a table, chairs, tablecloth and utilities for \$100.

Take out an advertisement in our banquet program. A quarter-page ad costs \$50, a half-page ad is \$75 and a full-page ad \$100.

Or save money by reserving exhibit space and buying a full-page ad: The combination costs only \$160.

To place an ad or reserve an exhibit space, contact Mike Hayes at celebration@tacny.org. For tickets, mail a check payable to TACNY Celebration 2007 to:

TACNY Celebration 2007
c/o Bill Busher
INFICON
2 Technology Place
East Syracuse, NY 13057

Are paranormal events real?

TACNY and CNY Skeptics are hosting a talk about recent paranormal investigations at 6 p.m. April 17 in Room 101 of the Whitney Applied Technology Center at Onondaga Community College.

The speaker is Dr. Joseph Nickell, senior research fellow for the international Committee for the Scientific Investigation of Claims of the Paranormal and investigative columnist for *Skeptical Inquirer* magazine. Nickell, a former professional stage magician and private investigator, has become widely known for his investigations of haunted houses.

This presentation, part of TACNY's **Sweet lecture series**, is free and open to the public. Pizza and soda will be served at 6 p.m., with the talk at 6:30 p.m. and a question-and-answer session at 7:30 p.m. Due to limited space, attendees are asked to register by April 13 by e-mail to programs@tacny.org, including how many people will be coming.

Outstanding Teacher Awards

Five Central New York teachers have been selected to receive TACNY's 19th annual **Outstanding Teacher Awards**, which includes a \$1,000 prize. This year's winners are:

- **Suzanne DeTore**, science teacher, Henninger High School
- **Todd Dischinger**, technology education teacher, Liverpool High School (three time winner)
- **Daniel Mainville**, biology teacher, G. Ray Bodley High School, Fulton
- **James M. Paccia**, technology education teacher, Tully Junior-Senior High School
- **Ruth Ann Parker**, mathematics teacher, Skaneateles Middle School

The awards will be presented at a banquet at 6 p.m. Friday, May 4, at the Ramada Inn on Buckley Road, in Salina. To make reservations, see the form on the next page or download it from www.tacny.org.

Technology Alliance of Central New York

Teacher Awards Banquet

Reservations for Nineteenth Annual Outstanding Teacher Awards Banquet
Ambassador Room, Ramada Inn, 1305 Buckley Road, Syracuse
6:00 p.m. Friday, May 4, 2007

Menu

Tossed garden salad, fresh bread & butter
Prime Rib of Beef au jus, Chicken Marsala, or Vegetarian
Chef's choice of vegetable & potato
Beverages
Forest fruit pie

Name _____ Phone _____

Please list all names as they should appear on table place cards and indicate entrée choice.

	Beef	Chicken	Vegetarian
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Number of complimentary reservations _____

Prime rib of beef reservations @ \$27.50 each # _____ \$ _____
 Public school student, prime rib @ \$13.75 each # _____ \$ _____
Chicken Marsala reservations @ \$24.00 each # _____ \$ _____
 Public school student, chicken @ \$12.00 each # _____ \$ _____
Vegetarian reservations @ \$24.00 each # _____ \$ _____
 Public school student, vegetarian @ \$12.00 each # _____ \$ _____
 Amount enclosed \$ _____
 Total number of all reservations _____

Please note any special dietary requirements. Make checks payable to "Technology Alliance of Central New York" or "TACNY."

Reservations must be received by **Friday, April 27, 2007**. Send to:
 Vernon Tryon, 3 Margaret Street, Oswego, NY 13126
 Phone or Fax 315-343-9692 or celebration@tacny.org

April 2007 Technologist

Distributed to over 750 professionals!

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
Editor TACNY	Maria Welych	637-0663	mwelych@tacny.org

**TIME SENSITIVE MATERIAL
POSTMASTER, PLEASE RUSH**



*Reach your audience
through us!*

Ten Issue Price (annual subscription)	Single Issue Prices:
Full Page - \$900	Full Page - \$150
Half Page - \$600	Half Page - \$100
Quarter Page - \$400	Quarter Page - \$75
Business Card - \$200	Business Card - \$40

The **Technologist** is published monthly except July and August by the Technology Alliance of Central New York. P.O. BOX 196 SYRACUSE, N.Y. 13201. Cost is included in dues for each member of the affiliated club sections. Please send address changes to the affiliate organizations.

Deadline for **Technologist** submissions is the 17th of each month.

Technologist Advertising Rates

Single Issue Prices:

Full Page - \$150 Half Page - \$100
Quarter Page - \$75 Business Card - \$40

Ten Issue Price (annual subscription)

Full Page - \$900 Half Page - \$600
Quarter Page \$400 Business Card - \$200

www.tacny.org

Recyclable

