Technologist

Includes information for the Syracuse Section of the IEEE.

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 Wiliams   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 Hygene 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 Hygene Association
  Steve Valentine   Chair   455-0224
CNYSLS - CNY Society of Land Surveyors
  Robert Green   Conact   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 Syracuse Section of the
Institute of Electrical and Electronics Engineers
www.ewh.ieee.org/r1/syracuse**

TACNY Technology Alliance of Central New York

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

Dear IEEE Voting Member:

Your individual ballot for the 2007 IEEE Annual Election has been mailed to you via first class.

The opportunity to vote in the IEEE Annual Election is a privilege of your membership. The annual election candidate biography booklet will only be provided to newly joined members who are eligible to vote for the first time in the annual election, those who have been elevated to Member or Graduate Student membership grades on/or before 30 June 2007, and those members who voted by paper ballot in the 2006 election. Members who transmitted their ballot electronically, or did not vote in the 2006 election, will not receive the candidate biography booklet. However, access to these materials will be available electronically via the IEEE annual election website. All eligible voting members will receive a paper ballot and postage paid reply envelope in their ballot package.

To assist all voting members in making an informed decision, a moderated Roundtable Q&A video/audio session, with the three President-Elect candidates answering questions asked by members, and a video/audio of the annual President-Elect candidates' debate, hosted by the IEEE Philadelphia Section, are also available on the IEEE annual election website. These videos are accessible from the link below or directly from IEEE.tv. We hope you will take advantage of the opportunity to view the President-Elect candidates. Please visit http://www.ieee.org/elections.

In addition, to help you learn more about them, many candidates have provided a link to a personal Web site and a short "by-line" to further promote their candidacy. These "by-lines" are provided below. If no url is provided, then a personal Web site is not available. Candidates are listed alphabetically by election category and the sequence does not indicate any preference.

Your vote is important to the IEEE. We encourage you to learn as much as you can about the candidates and participate in the annual election when you receive your ballot.

Sincerely,

Fern E. Katronetsky
IEEE
445 Hoes Lane
Piscataway, NJ 08854, USA

If you have any questions about the 2007 IEEE Annual Election, please contact corp-election@ieee.org. (Please do not reply to the address at the top of this message.)

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

Society of Women Engineers
ASPIRE · ADVANCE · ACHIEVE

TACNY — Technology Alliance of Central New York

Educational Seminar

Join us for a joint IEEE, SWE, & TACNY presentation!

Electric Distribution Design Aspects
Comparison Among and Between States
Follow-up to the July-August 2007 Article Published in
IEEE Power And Energy Magazine

Cheri Warren works for National Grid USA Service Company, Inc., based in Albany, NY as the V.P. of Asset Strategy and Investment Planning. She chairs the IEEE PES Distribution Sub-Committee and the Working Group on System Design that wrote the *Guide on Electric Power Distribution Reliability Indices* IEEE Std. 1366-2003. She was the IEEE PES Awards and Recognition Chair, and received the IEEE PES Excellence in Distribution Award in 2007.

Jim Bouford is the V.P, of Distribution Engineering for National Grid USA Service Company, Inc., based in Northborough, MA. He is an active member of the IEEE where he formerly chaired the Task Force on Reliable Distribution Design, is the vice-chair of the Working Group on Stray Voltage, and is a member of the WG on System Design. NOTE: Copies of Cheri and Jim's recent article titled "Many States of Distribution" will be available at this meeting.

Thursday, September 27, 2007

6:00-6:30pm Social Half-Hour
6:30-7:45pm Presentation
7:45pm-8:00pm Q&A

Onondaga Community College

ONONDAGA
COMMUNITY COLLEGE

Whitney Applied Technology Center Auditorium

Cost: members, $0.00; non-members, $0.00

Pizza & Beverages will be served during the Social Hour.

Please make reservations by emailing before
Tuesday, September 25th, 6:00pm to
mary.reidy@us.ngrid.com

Call For Abstracts
IEEE Upstate NY Workshop on Communications, Sensors, and Networking '07

Date: Friday, November 9th, 2007
Time: 8:30am-5:00pm
Location: Syracuse University, Syracuse, NY
http://www.ecs.syr.edu/research/snw/

This workshop aims to provide a forum for discussing recent advances in communications and networking technologies. The workshop will bring together researchers and practitioners in academia and industry in the upstate NY area. This year's workshop represents the merger of the IEEE Upstate NY Workshop on Communications and Networking and the IEEE Upstate NY Workshop on Sensor Networks. Topics of interest include recent advances in ALL areas of communications, Internet, wireless and sensor networks. The workshop is sponsored by the Joint Chapter for Communications and Aerospace of the IEEE Rochester Section.

Authors are invited to submit an abstract of recent and ongoing work. All submissions will be reviewed for appropriateness for the workshop. Authors of accepted papers will present their work at the workshop, as either a talk or as a poster presentation. Accepted papers will also be made available to workshop attendees in the workshop proceedings. No copyright will be held against publication elsewhere. Abstracts must be submitted in PDF format to James Minseok Kwon at jmk@cs.rit.edu including "IEEE Upstate NY Workshop" in the e-mail subject line. For more information, visit the workshop Web page at http://www.ecs.syr.edu/research/snw/.

Important Dates:
Abstract Submission (300 words max.) Due: September 15, 2007
Notification of Acceptance: September 28, 2007
Full Paper (5 pages max.) Due: October 19, 2007
Workshop Pre-registration Deadline: November 2, 2007

Workshop Organizers:
General Chair: Lisa Osadciw (Syracuse University)
Technical Program Committee: Azadeh Vosoughi, Gaurav Sharma (University of Rochester), Pramod Varshney, Kevin Du (Syracuse University) and James Minseok Kwon (RIT)
Publicity Chair: Sumita Mishra (CompSys Technologies Inc.)
Webmaster: Lisa Osadciw (Syracuse University)
Local Arrangement: IEEE Syracuse Chapter
Organizing Committee: Mitel Kuliner (Harris Corporation), Yin Pan, Shanchieh Jay Yang, Nirmala Shenoy (RIT)

Syracuse Chapter of EMBS Presents:
The 2007 Technologies in Healthcare Seminar
(Health Tech, 2007)

Thursday October 4th 2007 4:00-7:00pm

At the Welch Allyn Lodge
4341 State Street Rd, Skaneateles Falls, NY 13153-0220

Cost: $20 for professionals, $10 for IEEE Members, Free for students & EMBS Members
Payment received at the door

Program:

Introduction of EMBS Syracuse Chapter Charter Members
Presentation: **Disruptive Innovations in Healthcare** – Dr. Robert Corona
Presentation: **Innovations in Bioprocess Engineering in CNY** – Dr. John Fieschko
Concluding Remarks
Informal Reception (food & beverages provided)

Sponsored by Syracuse Section of the IEEE

See our website at http://www.ewh.ieee.org/r1/syracuse/EMBSWeb/SyracuseEMBS.htm

RSVP: e-mail to EMBS Webmaster (syrembswebmaster@ieee.org)

Date	Time	Sponsor	Location	Topic	Contact
October 4	4:00PM - 7:00PM	IEEE Syracuse EMBS Chapter open to all members	Welch Allyn Lodge	The 2007 Technologies in Healthcare Seminar (Health Tech, 2007)	Ralph Flatau
October 5	12:00 PM	IEEE Syracuse Section open to all members	C&S Engineers	Section Executive Committee Meeting	Mike Hayes
October 9 & 10	12:00 PM	fuse2007 co-sponsored by IEEE Syracuse Section	Oncenter Syracuse	fuse is evolving as Upstate New York's signature event focused on accelerating business growth across the region	Scott Stumpf
November 1	6:00 PM	IEEE Computer Chapter & Student Branch open to all members	Syracuse University	Verizon Networking Trends	Craig Cobb
November 9		IEEE Computer Chapter & Student Branch open to all members	Goldstein Student Center Syracuse University	IEEE Upstate NY Workshop on Communications, Sensors and Networking '07	Lisa Osadciw
November 9	12:00 PM	IEEE Syracuse Section open to all members	C&S Engineers	Section Executive Committee Meeting	Mike Hayes
November 12		IEEE Syracuse Section, TACNY & other societies	Holiday Inn Liverpool	CNY Engineering Expo	Mike Hayes
December 14	5:50 PM	IEEE Computer Society Chapter open to all members	RSVP	Holiday Party hosted by the Cobb's	Craig Cobb
January 4	12:00 PM	IEEE Syracuse Section open to all members	C&S Engineers	Section Executive Committee Meeting	Mike Hayes

CALL FOR PAPERS
IEEE Broadband Multimedia 2008

"Multiple Technologies for Multimedia"

DEADLINE FOR EXTENDED ABSTRACTS

October 1, 2007

2008 IEEE International Symposium on Broadband Multimedia Systems and Broadcasting
March 31 – April 2, 2008
Las Vegas, Nevada USA

Co-located with CTIA WIRELESS 2008® & IEEE WCNC 2008
Sponsored by the IEEE Broadcast Technology Society
www.ieee.org/bts

IEEE Broadband Multimedia 2008 is the third annual edition of this industry-oriented premier forum for the presentation and exchange of technical advances in the rapidly converging areas of multimedia broadcasting, telecommunications, consumer electronics, and networking technologies. Expanded to three days for 2008, this Symposium will again bring together leading engineers, researchers, and service providers from around the world to present and discuss state-of-the-art research results and challenges in the application and implementation of broadband multimedia systems – both wireline and wireless. This year, contributions are especially solicited on IPTV standardization issues, and on various broadcast-overlay, cellular, and broadband wireless technologies – such as DVB-H, FLO, ATSC-M/H, DMB, MBMS, and WiMAX. Completed papers will be published in the Conference Proceedings which will be available to all attendees and through IEEE Xplore.

The Call for Papers, with potential topics and submission details, is attached. It is also available on the IEEE-BTS website, www.ieee.org/bts. We invite participation from researchers, developers, service providers, and suppliers of technology, equipment, systems, and consumer devices, as well as content originators and distributors. Abstract submissions are due October 1.

Authors whose abstracts are accepted will be notified by December 5. Full papers will be due February 10, 2008. Abstracts should clearly explain the subject, originality and relevance. All papers that are selected must be presented at the Symposium by the authors or their designated presenters. Authors will be entitled to register for the Symposium at a reduced rate. At least one author must be registered by February 10, 2008. Approximately 20-30 minutes will be provided for each paper presentation, including questions and answers. Information on registration and hotel reservations will be available beginning in December 2007 at www.ieee.org/bts/multimedia.
Proposals for extended length tutorials are also solicited, as are proposals for panels on technology, application, business, and policy-related issues and opportunities for the broadband multimedia and broadcasting industry.

Please spread the word within your organizations, and to others who would have an interest in participating in this event.

Our apologies to those who may receive multiple copies of this announcement.

To unsubscribe from this e-mail list, please send an e-mail to: **bts@ieee.org**
Paste the following into the body of the message: **signoff btsmultimedia**

IEEE Broadcast Technology Society
www.ieee.org/bts

The Communications Committee of the Technology Alliance of Central New York has been hard at work this summer designing a new look and mission for The Technologist. Our work was previewed at the June meeting of the Technical Societies Council, where it was well received. These pages, from TACNY, are done in the style of the upcoming publication and offer a taste of what's to come.

Since June, we've been working to incorporate ideas and suggestions made at the TSC meeting, including shrinking the size of the publication from legal size pages to letter size, adding a line under the masthead that explains what The Technologist is all about, and including room for a new feature: Ask the Geek.

We hope to kick off the new look with the January 2008 issue, but we need your help. We are looking for technologists to submit ideas for stories so we can work up an editorial calendar. We need technologists to submit stories for consideration to be included in future issues of The Technologist. And we need technical societies to start submitting news of their organizations, including upcoming events, for inclusion in The Technologist beginning immediately.

The next few pages outline our ideas and deadlines. Please contact us at communications@tacny.org if you have questions, suggestions or can help us achieve our goal of becoming an integrated newsletter that helps every member organization grow and thrive.

Message from the President

Summer is over. The State Fair has passed, as has Labor Day. Hopefully you all came to visit TACNY at the State Fair, where we once again shared space with other technology organizations, including IEEE and FIRST, at a booth provide by the New York State Technology Educators Association.

Thanks to Tom Frawley, recently elected to the TACNY Board of Directors, for again coordinating the booth and allowing TACNY to participate.

Changes are in the works for TACNY, especially with regard to member communications. Hopefully, you have all been receiving regular e-mail from us — if not, please send your e-mail address to hollander@tacny.org to get on our mailing list.

We have been working on consistent branding and appearance of all TACNY generated materials. Thanks to our wonderful Communications Committee, led by Maria T. Welych, we will soon have a new Technologist that will be an integrated community publication available electronically to all at no cost — and in hard copy upon request and with a payment to cover the cost involved. Rather than gathering individual newsletters, as we do currently, we plan to gather input from local societies to produce a community newsletter with a complete calendar of events, stories and association information for all.

With electronic distribution, we plan to reach a much wider audience than we do currently, especially since our current e-mail distribution list is much more extensive than our snail mail list. By reducing the costs associated with hard copy distribution, we will have more money available for programming for the membership and community. Possibilities include "big name" speakers for the Celebration of Technology, Sweet Lecture series and Junior Café Scientifique!

Like any all-volunteer army, we need your help. If you are interested in supporting the Communications Committee, please send a note to communications@tacny.org. Nobody will be turned away!

— *Howie Hollander*

The Technologist: Policies and Timetable

Distribution

- Once a month (12 issues a year).
- All technical societies will receive The Technologist via e-mail at no cost.
- Any technical society member receiving the electronic newsletter will have the option to remove themselves from the e-mail list via an opt-out option in the e-newsletter.
- Any technical society can add new contacts by signing up through the electronic newsletter or at **www.tacny.org/join.html**.
- All technical societies will have the option to receive a print version of The Technologist through the mail. Societies will be required to make a contribution to cover printing and postage. This cost will be determined based on how many technical societies request a print version and the size of their membership.
- A PDF file of the print version of The Technologist will be posted on the TACNY Web site and can be linked to through individual societies' Web sites.

Content

- All technical societies can submit content to the editor of The Technologist for consideration. Content submission forms can be downloaded from **www.tacny.org/articlesubmission.html** and submitted to technologist@tacny.org. Please keep submissions to 600 words or less. The Technologist will accept longer submissions of particularly compelling content on a case by case basis.
- The Technologist may include the following categories of content:
  - Two to four feature articles (or more) per month written by technical society members summarizing recent technical studies, projects, programs, etc., in Central New York.
  - One technical society or teacher awards recipient profile per issue. Seven issues would feature one technical society and five issues would feature one of the five teacher award recipients for that year.
  - Technical society updates: brief stories summarizing news of your organization, in case members miss a meeting.
  - Calendar listing of upcoming events, lectures, society meetings and networking opportunities.
  - Civic engagement section with volunteer opportunities, wish lists and presentation opportunities.
  - Historic Central New York technological fact of the month.
  - "Ask the Geek" feature, where we answer a question with a touch of humor.
- When submitting content to The Technologist, please identify the author and corresponding organization. Please include a telephone number for contact if the editor has questions on the material submitted.
- Every technical society should submit a color logo for use in The Technologist. The logo should be at least 3 inches at its widest point at 300 dpi.
- When submitting photos to The Technologist, please identify all people in the photo and include necessary captions and photo credits. Photos should be 8" x 10" or larger at 300 dpi or greater. This requirement might change depending on the printer used for production of the paper version of The Technologist or if no societies want a paper version.
- All listings of content in The Technologist will be sorted by content type, date and alphabetically.
- All content contributed by societies will be credited properly. The Technologist will not include bylines in briefs or calendar items. In addition, feature stories will include the society's official logo and a link to the society's Web site.

The Technologist: Policies and Timetable

Submitting Contact Lists

- All technical society contacts will be kept confidential and adhere to the membership guidelines and policies.

- Membership e-mails can be submitted through TACNY online registration at **www.tacny.org/join.html**.

- Membership mailing lists can be sent to the TACNY Membership Chair at membership@tacny.org or directly to the final print/mail house (this contact will be provided once a printer is chosen). Please note in the subject of the e-mail: [society name] Technologist Contact Mailing List.

Contact lists should be formatted in Excel and include the following in separate columns: first name, middle name, last name, suffix, organization, address 1, address 2, city, state, and zip code.

Each contact should be placed in its own row.

- Technical societies are required to maintain their own member lists on a regular basis.

Timeline

- **July 25**: Deadline for design layout feedback from technical societies to TACNY. Submit comments to technologist@tacny.org.

- **Aug. 1**: Submit society's preliminarily decision on whether to receive electronic and/or print versions of The Technologist. The Technologist editorial calendar distributed to technical societies.

- **October TSC meeting**: Printing and postage expenses outlined for TSC members.

- **November**: Finalize electronic and print distribution contact list.

- **January 2008**: Launch electronic and new print Technologist.
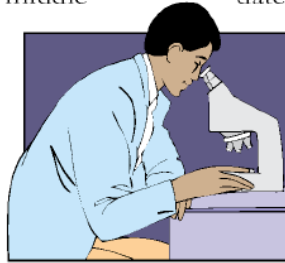
Ideas? Questions? Comments?

- Please e-mail communications@tacny.org.

New slate of speaker for Junior Café Scientifique

Members of the steering committee have lined up an impressive array of speakers for the next season of Junior Café Scientifique, a lecture series about science and technology topics aimed at students in middle and high school. Founded and funded by the Technology Alliance of Central New York, the free lectures are held 9:30 to 11 a.m. on the third Saturday of every month from September through June, with the exception of November, at the Milton J. Rubenstein Museum of Science and Technology.

Attendance includes a light breakfast and free access to the MOST afterward. While the lectures are aimed at students, adults can also attend. Mark these dates on your calendar and join us.

To help us make sure we have enough seats — and food — please make a reservation if you plan to attend by calling the MOST at 315-425-9068, ext. 2121, or e-mailing jr.cafe@tacny.org.

Do you have a speaker or topic to suggest for a future Junior Café? E-mail your suggestions to jr.cafe@tacny.org.

Sept. 15
Speaker: Professor Samuel Clemence
Affiliation: Department. of Civil and Environmental Engineering, Syracuse University
Subject: The engineering profession from the beginning of recorded time
Title: History of Engineering

Oct. 20
Speaker: Professor Jeffery A. Karson
Affiliation: Department of Earth Sciences, Syracuse University
Subject: Marine geology
Title: Geology of the Seafloor, Hydrothermal Systems and Life in the Abyss

Nov. 10*
Speaker: Professor Marvin Druger
Affiliation: Department of Science, Syracuse University
Subject: Viruses in general and specific examples of viral diseases
Title: Viruses Among Us

Dec. 15
Speaker: Tom Horth
Affiliation: Project Engineer, C&S Engineers, Inc.
Subject: Bridge building
Title: A Bridge to the Future

Jan. 19
Speaker: Dr. John Fatti
Affiliation: Syracuse Orthopedic Specialists
Subject: Sports medicine
Title: Hand Injuries and Their Treatment

Feb. 16
Speaker: Professor James T. Spencer
Affiliation: Department of Chemistry, Syracuse University
Subject: Investigating forensic science
Title: CSI Syracuse

March 15
Speaker: Tom Drachenberg
Affiliation: Parsons
Subject: Issues involved with Onondaga Lake cleanup
Title: Dredging and Capping

April 19
Speaker: Professor Larry Tanner
Affiliation: Director, Center for the Study of Environmental Change, Le Moyne College
Subject: Evolution and extinction in the Late Triassic world
Title: Dawn of the Age of Dinosaurs

May 17
Speaker: Professor David Craig
Affiliation: Le Moyne College
Subject: Quantum physics
Title: The Quantum View of the World

June 21
Speaker: Professor Eric M. Lui
Affiliation: Department of Civil and Environmental Engineering, Syracuse University
Subject: The aesthetics and engineering of bridges
Title: The Science and Art of Bridge Building

With the exception of the November event, Junior Cafe Scientifique meets the third Saturday of every month from September through June.

September 2007 Technologist
Distributed to over 750 professionals!

Technologist Contact Information

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President TACNY	Howie Hollander	456-6287	hollander@tacny.org
Editor TACNY	Maria Welych	637-0663	mwelych@tacny.org

TIME SENSITIVE MATERIAL
POSTMASTER, PLEASE RUSH

TACNY Technology Alliance of Central New York

Recyclable