Technologist

Primarily includes information for the Syracuse Section of the IEEE

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 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
Dr. Prasanta Ghosh   Chair   443-4440
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   Contact   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

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

IEEECONTACT INFORMATION

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

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/

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

WATCH FOR YOUR COPY OF OUR E-NEWSLETTER

TACNY Technology Alliance of Central New York

Message from the Past Chair – Mike Hayes, PE

I will be the past Syracuse Section Chair by the time you see this. I have not accomplished everything I would have liked during my two year tenure as Section Chair in 2006 & 2007, but the Section has done a lot of great things. I think my biggest accomplishment was standing aside and letting the great people we have in the Section do some great work in support of IEEE. I know that our Section leaders and members will support Dr. Ghosh as well as they have supported me.

Dr. Prasanta Ghosh is now the Section Chair. Dr. Ghosh has been active in the Section for many years and is the founder of our Seeds for Science program. Please see the announcement elsewhere in this newsletter for details about this year's program.

In addition to Dr. Ghosh, I want to recognize our PACE Chair, Scott Stumpf. Scott is primarily responsible for approximately doubling our Section's financial assets. He was a key organizer for the 2006 IEEE Radar Conference, which the Syracuse Section co-sponsored. Our share of the surplus was about $25,000. This has given us the flexibility to support new programs and underwrite the cost of events such as our Fellows' Night in April. Scott has been involved in numerous other activities in support of the Section. I value Scott's efforts greatly.

Brian O'Hern has been our newsletter editor for many years and does an absolutely great job. This is a difficult position to fill, and I am truly grateful that Brian has been our editor for as long as he has and continues as our editor. I'm one of the culprits in getting late inputs to Brian. In spite of a lot of travel and a busy schedule, Brian always gets the letter to the printer quickly. Thanks!

IEEE is one of the co-sponsors of the highly successful Central New York Engineering Expo, which started in 2004. Past Section Chair and current IAS/PES Chair Mary Reidy has done a wonderful job providing logistic support for the Expo and publicizing this event, especially at National Grid, a key Expo supporter.

Thanks to the efforts of Al DiRienzo and his committee, the Syracuse Section now has an EMBS (Engineering in Medicine and Biology Society) chapter. This is the first new chapter in the Section in many years.

Marian Chaffee, Past Chair of the Syracuse University Student Branch, was a key in organizing and getting student volunteers for the Lego Mindstorm project at Lincoln Middle School. I got some great feed back from Gwendolyn Maturo, the teacher who set up this program in the school, about this project. The Section provided the money needed to buy the software and supplies. However, the SU students provided something even more important, their time. Jeizel Hernandez, the current Student Branch Chair, will be leading the charge this year.

Dr. Jay Lee has done a great job recruiting for and supporting the Student Branch. He also borrows "toys" from the SU Physic Dept. that we bring to the State Fair for kids to play, er, experiment with. The Tesla coil is always the biggest attraction.

For several years Dr. Lisa Osadiw has helped run the IEEE Sensor and Communications Network seminar, a joint activity with the Rochester Section, which has also been highly successful. She is also our Section membership chair and AES/Comm chapter chair

I also want to thank our other chapter chairs for their continued leadership for many years: Dr. Ercument Arvas (MTT/AP), Craig Cobb (CAS and Computer), and George Kirkpatrick (Life Member).

The IEEE AESS (Aerospace and Electronic Systems Society) awarded its highest and most prestigious award, the Pioneer Award, for 2007 to George M. Kirkpatrick for his pioneering contribution for "the original development of monopulse techniques for radar systems". The award criteria are: "For pioneering contributions to aerospace and electronic systems that have occurred at least 20 years prior to the year of the award and are still in use today!"

Bill Maxwell has done an excellent job managing our Section's finances. He was instrumental in finding $7500 for the Section.

Don Herres keeps our Section web site up to date. All we need to do is tell Don what we're doing, which doesn't always happen, so he can put it on the web. Don Herres received the 2006 IEEE-USA Citation of Honor, which honors members who have made exemplary contributions toward achieving the aims of professional activities in the United States. Don has long been active if career activities for IEEE. Don was also my mentor when I first became active in the Syracuse Section almost 15 years ago.

Larry Durante has had the job as secretary for over a year and is moving up as I'll explain below.

The Section has selected the following officers for 2008:
Chair – Dr. Prasanta Ghosh
Vice Chair – Larry Durante
Secretary – Mike Hayes, PE
Treasurer – Bill Maxwell, PE

We can always use more volunteers and program suggestions! Please contact me at m.hayes@ieee.org or 455-2000 if you're interested or have any suggestions.

I thank all officers and members for their support the last two years.

Mike Hayes

ANNOUNCEMENT

Technologist

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) SYRACUSE SECTION

SEEDS FOR SCIENCE

This program is designed to award local secondary school students who are working on their science project for science fair and/or for science Olympiad. Awarded money (up to $100 per project) can only be used for purchasing components necessary for the project.

IEEE Syracuse section is taking this initiative to promote science and mathematics education among secondary school students.

All students from local schools participating in a Science Fair and/or Science Olympiad are eligible.

Interested students should send name of the faculty sponsor; a brief description of the project along with an explanation for requested money. A committee will select winners. Decision of the committee is final.

Winners will receive a certificate and the award money. In addition their names will be published in the monthly newsletter of the Institute of Electrical and Electronics Engineer, Syracuse Section.

Application submission deadline: April 14, 2008.
Applications received after this date may be considered depending on the availability of funds.

All correspondence should be sent to:

Dr. Prasanta Ghosh
Educational Activities, IEEE Syracuse Section.
Syracuse University, EECS Dept., Link Hall
Syracuse, NY 13244
Tel: (315) 443 – 4440, Fax: (315) 443 - 4441
e-mail: pkghosh@syr.edu

Please Distribute

IEEE HONORS 2008 CLASS OF FELLOWS: The IEEE recently announced its class of 2008 Fellows, which consists of members from around the world who have demonstrated an "extraordinary record of accomplishments in any of the IEEE fields of interest." They join a group of thousands of other IEEE distinguished Fellows who have contributed to the advancement or application of engineering, science and technology.   The IEEE Board of Directors awards the honor of Fellow to no more than 0.1 percent of the voting membership as of 31 December of the preceding year. The full list 2008 Fellows can be viewed at <http://www.ieee.org/web/aboutus/fellows/new-fellows.htm>. To learn more about the IEEE Fellow Program or nominate an individual, please visit <http://www.ieee.org/fellows>.

IEEE FOUNDATION ANNOUNCES 2008 GRANT APPLICATION DEADLINES: The IEEE Foundation, Incorporated, the philanthropic arm of the IEEE, is committed to improving the technological literacy of society from childhood through adulthood. One way the IEEE Foundation seeks to achieve this goal is by awarding grants to new and innovative projects. During 2008, unsolicited applications will be accepted in three cycles from IEEE units and other organizations working in areas of relevance and importance to the IEEE and its membership. Projects should achieve one or more of the following objectives:
* Improve primary and secondary science, technology, and math learning
* Encourage pre-university students to consider engineering as a career path
* Increase the public's understanding of the role of engineers and technology in society
* Preserve the history of IEEE associated technologies
* Tap the technological expertise of IEEE members
* Demonstrate ability to be replicated Application deadlines:
* 4 January 2008 for consideration at the March 2008 meeting
* 18 April 2008 for consideration at the June 2008 meeting
* 5 September 2008 for consideration at the November 2008 meeting Before submitting the online application, please review "How to Apply for a Grant" at <http://www.ieee.org/organizations/foundation/grants.html>. All applications will be considered for funding by both the IEEE Foundation Board of Directors and the IEEE Life Members Committee. Questions should be directed to the IEEE Foundation Administrator at +1 732 981 3435 or "MailTo:foundation-office@ieee.org".

NOMINATIONS; 2008 IEEE ERIC HERZ OUTSTANDING STAFF MEMBER AWARD:
Nominations are being sought for the 2008 IEEE Eric Herz Outstanding Staff Member Award. The award is presented for demonstrated contributions to the goals, objectives, and success of the IEEE to a present or past IEEE staff member with at least 10 years of service. Any IEEE volunteer may submit nominations. IEEE Staff, IEEE Awards Board, IEEE Board of Directors, and the Herz Award selection committee are not eligible to nominate or endorse candidates for this award. In the evaluation process, the following criteria are considered: substantial impact on the goals and objectives of the IEEE while a staff member, substantial impact on the success of a number of IEEE initiatives, and leadership in a number of staff activities. The prize consists of a certificate, honorarium, and travel expenses to attend the presentation of the award at the last IEEE Board of Directors Meeting of the year. The deadline for submitting nominations is 31 January 2008. To access nomination forms, visit the IEEE Awards Web site at <http://www.ieee.org/awards> or send a message to "MailTo:awards@ieee.org".

New Initiative Looks Far Into the Future…. Efforts by the IEEE Board of Directors in the past year have resulted in a new strategic plan for the institute and a new process for developing strategies that support the plan's implementation.
In the run up to the IEEE's 125th anniversary in 2009, the IEEE History Committee wants as many nominees as possible for IEEE History Milestones.
The IEEE office in China is up and running, having opened its doors in Beijing's Haidian Science Park.
The tools given to IEEE's authors, editors, and conference organizers have helped make the IEEE one of the world's largest publishers of technical literature. Read about recent improvements in these tools
Winning Ideas Get Cash in (Almost) a Flash Got a project in mind that can benefit the IEEE, but need money to get it off the ground? As part of the IEEE's new initiatives process, funds are available to turn good ideas into action.
WIE Launches Outreach Efforts Responding to a survey, members of IEEE Women in Engineering said they wanted more networking events to raise the profile of female engineers and more outreach programs that encourage young women to pursue an engineering education.
Six IEEE conferences from February to April 2008 cover topics that include solid-state circuits, human-machine systems, and signal processing.
IEEE student branches around the world are holding robotics competitions to put to use the theories they learn in class.
Nominations are being sought for 2009 IEEE medals, awards, recognitions, and prize papers. The deadline for nominations is 1 July 2008.
Nominations are also needed for the 2008 EE Times Fourth Annual Creativity in Electronics (ACE) Awards. The awards honor inventors who have demonstrated innovation and leadership in technology. IEEE Spectrum is a sponsor of the 2008 ACE Awards and will present two awards based on technology "Winners & Losers" in its January 2008 issue.

Educational Seminar

Join us for a joint IAS & PES presentation!

Syracuse Section Student Chapters!

Introducing the *Syracuse University Student Chapter*
to the *New OCC Student Chapter*

Highlights from the Syracuse Student Chapter's activities

Questions & Answers from the Students to the Syracuse Section Ex-Com

All members are encouraged to participate in this event in support of *our* future engineers.

Wednesday, January 30th, 2008

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 (pay by check): **members, $0.00; non-members, $0.00**
Pizza & Beverages will be served during the Social Hour.
Please make reservations by emailing before
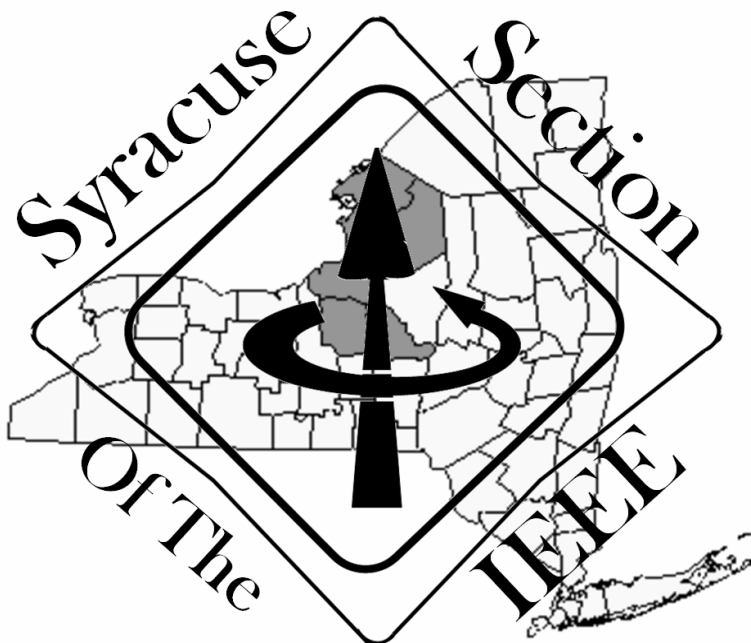Monday, January 28th, 6:00pm to
mary.reidy@us.ngrid.com

TECHNOLOGIST – A Multi-Organizational Newsletter

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