

CALENDAR OF EVENTS

January, 2012 and beyond

(Updated 12/26/11)

In the following you will find a sequential list of events scheduled to be held in New York City and its vicinity in the near future that would be interesting to engineers of many disciplines. For more information on meetings arranged by the New York Section please visit our Section site at http://ewh.ieee.org/r1/new_york where you may see the fliers. For other IEEE meetings please visit <http://meeings.vtools.ieee.org/main>. This calendar is updated at least twice a month.

The following list contains only the events about which we have been notified by their sponsors or the conference coordinator of the NY Section. It is possible that we may have overlooked some events because we either did not get the information at all or got them too late. If you know of any other event(s) planned for the month of November (and beyond) that would be of interest to our members please communicate the **firm dates and times** to the editor ASAP: a.dutta-roy@ieee.org so that it (they) may be included in an updated calendar. Please avoid TBDs. Thank you.

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**PARTICIPATE IN THE IEEE MEETINGS
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January 5, 2012: 5.30 p.m.

Election of officers of the Women in Engineering (WIE) in the IEEE New York Section

Details of the election: Members of the WIE in good standing interested in attending the election meeting will find the details in the "Complete December 2011 edition in pdf" (through the anchor page) under the section activities. Please note that for reasons of security advance registration is essential. Please send request for registration to drivera938@ieee.org on or before January 5, 2012.

Location: ConEdison Building, 4 Irving Place, New York, NY 10003 (One block east of Union Square subway station).

Tuesday, January 10, 2012: 6.00 p.m. for wedge and soft drinks; 6.30 – 7.30 p.m. —the Tour

Joint sponsors: The Tappan Zee Subsection of New York, ASME International and SME

Tour: The cooling systems at **Solid State Cooling Systems**, a manufacturer of liquid chillers and temperature control systems.

Description of what will be shown: A thermoelectric module "pumps" heat from one ceramic face to the other ceramic face when DC current is applied. Unlike the compressor in a standard refrigeration system that pumps Freon, thermoelectric modules use electrons to transfer heat. Thermoelectric modules can also work in reverse, generating DC current (power) if one side is hot and the other is cold.

Thermoelectric cooling systems are currently found in many homes, laboratories, manufacturing facilities, hospitals, and in spacecraft and military applications. Since thermoelectric modules have no moving parts, they are quiet and reliable.

Solid State Cooling Systems incorporates domestic and internationally manufactured thermoelectric modules into temperature control systems for OEMs and end-users.

Leader of the tour: Mr. Lloyd Wright, Chief Technology Officer, Solid State Cooling Systems

Advance Registration is required for this event. To register give the number and names of attendees to Tom Juell [e-mail: vinfiz1911@verizon.net] by January 6, 2012. Children in middle school or high school must be accompanied by an adult.

Wednesday, January 11, 2012: Time to be announced

The IEEE New York Section

Executive Committee meeting (ExCom)

Location: Con Edison Building, 4 Irving Place, New York 10003, Edison Room, 19th floor. The Con Edison building is situated one block east of the Union Square (subways: 4, 5, 6, L, N and R trains). If you wish to attend please send RSVP to Paul Sartori at: <"paul" SARTORIP@coned.com>. For reasons of security no walk-ins will be allowed.

Tuesday – Thursday, January 17-19, 2012

Event: IEEE PES Conference on Innovative Smart Grid Technologies (ISGT 2012)

Location: Washington Marriott Wardman Park in the District of Columbia, USA

Abstract: The Conference will be a forum for the participants to discuss state-of-the-art innovations in smart grid technologies. The Conference will feature plenary sessions, technical papers, and tutorials by international experts on smart grid applications. **Website/Registration:** <http://www.ieee-isgt.org/>

Thursday, January 26, 2012: 5.00 p.m.: Networking and refreshments; presentation at 5.30

Sponsors: PES/IAS Chapters and Life Members' Affinity Group (LMAG) of the IEEE New York Section
Topic: *From Entrepreneurship to Spaceship*

Description: Greg Olsen, the speaker will describe his experience of performing more than 150 orbits of the earth that logged almost 4 million miles of weightless travel during his 10 days in space.



Speaker: Dr. Greg Olsen was the third private citizen to orbit the earth on the International Space Station (ISS). After training for five months (900 hours) at the Yuri Gagarin Cosmonaut Training Center in Moscow, he launched on a Russian Soyuz rocket TMA-7 on October 1, 2005 with Cosmonaut Valeri Tokarev and Astronaut Bill McArthur (Expedition 12). He then docked to the ISS on October 3, and returned to earth on Soyuz TMA-6 on October 11 with Cosmonaut Sergei Krikalev and Astronaut John Phillips (Expedition 11).

After an illustrious career as a research scientist and entrepreneur, Dr. Olsen is now the president of GHO Ventures in Princeton, NJ where he manages his “angel” investments. He received his BS in physics (1966), BSEE and MS in physics (1968) from Fairleigh Dickinson University, then he earned a Ph.D. in materials science from the University of Virginia (1971). Olsen founded EPITAXX, a fiber-optic detector manufacturer in 1984 together with Vladimir Ban. It was sold for \$12 million in 1990. He then founded Sensors Unlimited, a near-infrared camera manufacturer in 1992 with Marshall Cohen. That company was sold to Finisar Corp. for \$600 million in 2000, repurchased by the management team in 2002 for \$6 million, an again sold, this time, to Goodrich, Corp. in 2005 for \$60 million.

Location: Edison Room, 19 th floor, Con Edison Building, 4 Irving Place, New York, NY 10003 (nearest subway station at Union Square/14 th Street)

Invitation to this event: All are invited to attend this event. However, it is essential that attendees send RSVPs to Arnold Wong wongar@coned.com or Sukumar Alampur salampur100@hotmail.com. For reasons of security no walk-ins will be allowed. Thank you in advance for your cooperation!

Events on the horizon

Saturday, February 25, 2012: 6.30 p.m.
DO NOT MISS
AWARDS DINNER DANCE OF THE
NEW YORK SECTION



For details and registration please see the item under Section activities
Thank you

Thursday and Friday: March 29 and 30, 2012

2012 Conference on Computational Intelligence for Financial Engineering & Economics

Abstract: This Two-Day conference is the major collaboration between the professional engineering and financial communities, and is one of the leading forums for new technologies and applications in the intersection of computational intelligence and financial engineering and economics.

Location: Credit Suisse on 23rd and Park Ave, New York, NY.

Website/Registration: <http://www.ieee-cifer.org/about.html>

Friday, May 4, 2012

Long Island Systems, Applications, and Technology (LISAT) Conference 2012

Abstract: This eighth annual Conference will feature presentations that highlight new and interesting work on a variety of electronic systems, technologies and applications - most of which are Long Island based, as well as a student paper track. There will be a full-day Professional Development Track which will provide attendees up to 0.6 CEUs (6 PDHs) for three (3) two-hour sessions.

Location: SUNY Farmingdale State College, Farmingdale, NY

Website/Registration: http://meetings.vtools.ieee.org/meeting_view/list_meeting/6553
