

## **CALENDAR OF EVENTS**

### **MAY AND JUNE, 2011**

In the following you will find a sequential calendar 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](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 frequently updated.

The listing contains the events that are in our inbox. It is possible that we may have missed some events. If you know of any other event(s) planned for the months of May and June that would be of interest to our members please communicate to the editor ASAP: [a.dutta-roy@ieee.org](mailto:a.dutta-roy@ieee.org) so that it (they) may be included in an updated calendar. Thank you.

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### **ONGOING COURSE!!**

Tuesdays, May 3 through June 21, 2011: 6.00 – 8.00 p.m. (Two hours a week)

#### **Sponsors: IEEE PES/IAS**

Continuing education course: Short Circuit, Protective Device Coordination & Arc Flash Analysis  
8 weeks; Lecture Hours: 2.00 hours/week; 2 PDH / 0.2 CEUs; Total: 16.00 PDH/1.6 CEUs

Location: ConEdison Building, 4 Irving Place, Room #1425, New York, NY 10003; Neatest subway at Union Square, 14th Street.

Instructor: Mark Cavallaro, PE Principal of Current Solutions, PC and Adjunct Professor of Power System Graduate Studies for NYU Polytechnic University.

Registrations are not no more accepted.

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Monday, May 23, 2011: 6.00 ~ 7.30 p.m.

**Sponsors: Consultants' Network of the IEEE NY Section and**

**SAVE International Metro NY Chapter**

Topic: Sustainable Return on Investment and Value Engineering:

### Understanding the Importance of “Triple Bottom Line” for Decision-Making

The importance of integrating sustainability considerations into transportation planning and decision-making has been acknowledged by a large number of policy-makers. Considering environmental, social and economic outcomes (the “triple bottom-line”) in guiding policy, follows the imperative to incorporate these factors into planning to ensure that the needs of future generations are not compromised. This presentation will describe how sustainable return on investment (SROI) resembles – but differs from – the more traditional decision-making tools: life-cycle costing, financial appraisals and even social cost-benefit analysis. The presentation will also address issues related to measurement, and how sustainability considerations can be brought to bear directly on policy and decision-making. Several case studies will be provided as illustrations from the transportation and building design fields. Speaker: Pierre Vilain, Ph.D., HDR Inc., New York. Dr. Vilain is a VP at New York-based HDR, Inc. He directs economics and finance practice at the firm. Dr. Vilain holds a Ph.D. degree from the University of Pennsylvania. Through this presentation he will address the issues that are related to SROI. How it can supplement the existing tool-kit of decision-making, and how it can sometimes yield different conclusions from the traditional tools.

Following the SROI presentation, Lisa Mitten, CVS, MPP, MS-Ed will lead a discussion about the similarities between SROI and the value engineering methodology and how these techniques can be applied in value engineering studies. Ms. Mitten is a value analysis facilitator Project Management Services, Inc., a veteran-owned small business based in Rockville, MD. In her work she emphasizes the analysis of environmental and social outcomes of projects in addition to the economic yields that value engineers traditionally focus on.

Location: 4<sup>th</sup> floor Training Room, STV Inc., 225 Park Avenue South, New York at 18<sup>th</sup> Street

Cost: \$10 (includes light dinner); no charge for students with valid I.D.

All are welcome! Come and bring a friend.

RSVP: Until the morning of May 23 to Terry Michaud at <michaudt@omb.nyc.gov

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Tuesday, May 26, 2011: 5 p.m. (Light refreshments), 5.30 to 7 p.m. presentation

Sponsors: PES/IAS/LMAG of the NY Section

Topic: Ultra Energy Efficient Dry Type Transformers

Abstract: In 2007, new minimum energy efficiency guidelines were established for all low-voltage, dry-type transformers for installation in the United States. Since that time, manufacturers have developed low-voltage dry-type transformers with even higher energy efficiencies, some models exceeding 99% efficiency. What is the market for ultra energy efficient transformers, how are they designed and

constructed differently, and are they worth the extra money? These are some of the questions this presentation will answer.

Speaker: Bill Forsythe, the Product Manager for GE's low-voltage dry-type transformer product line. He is responsible for all transformer product-related activities including profitability, commercialization, market development, and price strategy. Mr. Forsythe has a diverse background in engineering and product management and has held prior positions with General Dynamics, ITT Night Vision, and GE Security. His formal education includes a Bachelor of Science in Mechanical Engineering from Purdue University and a Master of Business Administration from Virginia Tech.

Location: Edison Room, ConEd Building, 4 Irving Place, New York 10003. [Crossing of West 14th Street and Irving Place and one block west of Union Square.]

Please send RSVP to Arnold Wong at [wongar@coned.com](mailto:wongar@coned.com). For reasons of security no walk-ins, please!

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Wednesday, June 8: Time: TBD (by Section chair)

NY Section Executive Committee meeting

Location: ConEd Building, 4 Irving Place, New York, 10003

For details for attending any of the Executive Committee meeting please see "About us" posted on the home page by clicking on the appropriate tab.

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Wednesday and Thursday, June 8 and June 9, 2011 respectively

Cyber Infrastructure Protection Conference (CIP)

Sponsors: The [Center for Information Networking and Telecommunications \(CINT\)](#) and the Colin Powell Center of the City University of New York, City College (CCNY), and the [Strategic Studies Institute \(SSI\)](#) of the US Army War College.

Location: City University of New York, City [College \(CCNY\)](#), [Grove School of Engineering](#) Room T-27, 140th Street and Convent Ave, New York NY 10031.

For more information on speakers and fees please see the announcement in this issue or visit <http://www.ccnycunyu.edu/cip>

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Wednesday, June 8, 2011, 6.00 – 8.00 p.m. (Networking and refreshments will precede the presentation)

Sponsors: Vehicular Technology Society (VTS) and Life Members Affinity Group (LMAG) of the IEEE NY Section with collaboration of Delhi (India) Section of the IEEE

Topic: Emerging Trends in Vehicular Communications

There is a surging interest in automotive communications from novel applications to emergency services. Companies such as Microsoft, IBM, Cisco and Google, are investing resources and money into this fast growing sector. It is thus evident that emerging opportunities lie just ahead. This presentation will discuss the technology behind these opportunities: Vehicular Ad-Hoc Networks, or VANET, which provides communications among nearby vehicles and roadside equipment, short-range to medium-range communication systems, and real-time safety applications. Applications such as real-time traffic congestion and routing information, high-speed tolling and mobile infotainment will also be discussed.

Speaker: Dr. Rajeev Shorey is a SM of the IEEE, member of the ACM and a Fellow of Indian National Academy of Engineering. Dr. Shorey is the president of the National Institute for Information Technology (NIIT), India. Formerly, he was a manager at GM Research India Science Laboratory, Bangalore and prior to that he was a staff member at IBM Research Laboratory, New Delhi. He has also authored a book on communications published by John Wiley & Sons at GM Research India Science Laboratory, Bangalore. Rajeev Shorey obtained his Ph.D. degree in communications engineering from the Indian Institute of Science, Bangalore.

Location: MTA NYCT Offices, 130 Livingston Street, Brooklyn, NY (1<sup>st</sup> Floor Conference Room)

For Additional information contact: Larry Scarcia at 718-422-9922 or Email: [scarcia\\_ilario@bah.com](mailto:scarcia_ilario@bah.com)

RSVP: Please register by email with: Mr. Matt Lester: [mlester@r160.ltk.com](mailto:mlester@r160.ltk.com)

Note: CEU credits will be offered on payment of \$20 as administration fee at the IEEE.