



The next Issue of Newsletter will be published in December 2015. Submit articles by December 11.

Please consider participating in IEEE section activities. IEEE Schenectady Section is looking for individuals on many Section committees. See page 2 for details.

Please note that IEEE may close Section Society Chapters if there is no leadership.

## **2016 e-Week**

**Feb 25-26, 2016**

**Marriott Hotel, Wolf Road, Albany**

The 2016 e-Week steering committee is looking for one-hour presentations (nominally, 50-60 minutes) on topics of interest to electrical engineers. To meet New York Education Department requirements, drafts of presentations must be submitted in advance for review and certification by an examiner from the Practicing Institute of Engineering (the submission target is 1 December), and each presentation must include 5-6 questions for the audience to test their comprehension of the subject. Presentations can address everything from large scale systems and equipment, low voltage residential and commercial applications and equipment, communications systems, electrical safety, lighting technology and options, and engineering economics.

Also, NYSED now requires that professional engineers have continuing education on engineering ethics and engineering law, so presentations on those topics are also welcome.

If you are a registered professional engineer in the State of New York, offering a seminar at e-Week provides an additional benefit – presenters get credit toward their own continuing education requirement. Presenters receive one hour of credit for the presentation, and two hours of credit for preparation of the presentation. That means that by participating in both days of e-Week, including creating and presenting a lecture, will earn you 12 continuing education credits – one third the number that you need to have every three years when you renew your registration. And presenters receive complementary registration for e-Week.

e-Week is a non-profit activity, and the surplus funds generated from the event are donated to organizations that promote STEM education in area schools. Recipients include the Model Bridge Competition, the Robotics Team, MathCounts, FutureCities, Women in Engineering, etc.

If you are interested in offering a seminar, please request an information package from Jen Miller at [jamiller@nysspe.org](mailto:jamiller@nysspe.org).

## 2015 IEEE Engineering Colloquium

The **2015 IEEE Engineering Colloquium** was held by **Schenectady PES Chapter** on September 25 and attendees reported it was a successful day. This was the second annual conference organized by the Schenectady chapter. The seven presenters (see table below) all made excellent presentations with timely information regarding regulatory changes to encourage more resiliency and distribution level energy resources, micro-grid pilots which are underway, smart grids here and in India, HVDC updated systems in Vermont, and energy storage. Continuing education credits were provided for each presentation.

Dr. Kannan Tinnium	GE Global Research	Technology Challenges and Opportunities in Smart Grids
Dr. Chuck Seifert	Siena College	Ethics
Jeremiah Miller	Smarter Grid Solutions	Market Animation: The System-Level Data and Technology Requirements of REV
Michael Razanousky	NYSERDA	Micro-grid pilots in New York State
Matt Wallace	NY PSC	REV proceedings impacts on technology
Jeff Carrara	Vermont Electric Power	New HVDC substation
Dr. Herman Wiegman	GE Global Research	Energy Storage Metrics, Applications and Recent Developments



Your Colloquium and Chapter leadership team pictured left to right are:

Prabhakar Neti, Navaneeth Varadarajan Sowmya Nellutia (PES Vice Chair), Vincent Forte (PES Chair), Amal Mallavarap (PES Vice Chair)

Schenectady chapter chair, Vincent Forte, noted that planning for the 2016 colloquium will begin in a short time. If any chapter members would like to suggest topics and speakers, or to volunteer to help with the 2016 conference, they can contact him at [Vincent.J.Forte@ieee.org](mailto:Vincent.J.Forte@ieee.org) with their ideas and contact information. The next colloquium will be held September 2016 on the Union College campus in Schenectady, NY. Mark your calendars now.

## 2016 Nominations for Elected Officers

Anyone interested please contact Rebecaa Nold or James Barrett or Krishnat Patil.

<p style="text-align: center;"><b>Executive Committee</b></p> <p><b>Chair</b> James Barrett, jbarrett@nyiso.com</p> <p><b>Vice Chair, Membership</b> Amal Mallavarapu, Amal.Mallavarapu@cgglobal.com</p> <p><b>Vice Chair, Treasurer</b> Rebecca Nold, r.nold@ieee.org</p> <p><b>Vice Chair, Secretary</b> Colin McDonough, cmcdonough@sunypoly.edu</p>	<p style="text-align: center;"><b>Electron Device Society</b></p> <p><b>Chair</b> Open</p> <p><b>Vice Chair</b> Open</p> <p><b>Vice Chair</b> Open</p> <p><b>Vice Chair</b> Open</p>
<p style="text-align: center;"><b>Computational Intelligence Society</b></p> <p><b>Chair</b> Steve Gustafson, steven.gustafson@ge.com</p> <p><b>Vice Chair</b> Open</p>	<p style="text-align: center;"><b>Engineering in Medicine and Biology Society</b></p> <p><b>Chair</b> Open</p> <p><b>Vice Chair</b> Open</p>
<p style="text-align: center;"><b>Computer Society</b></p> <p><b>Chair</b> Larry Kelly, lawrence.kelley@gmail.com</p> <p><b>Vice Chair</b> Open</p>	<p style="text-align: center;"><b>Industry Applications Society</b></p> <p><b>Chair</b> Javad Heydari Khormizi, khormizi@gmail.com</p> <p><b>Vice Chair</b> Open</p> <p><b>Vice Chair</b> Open</p>
<p style="text-align: center;"><b>Dielectrics and Electrical Insulation Society</b></p> <p><b>Chair</b> Karim Younsi, karim.younsi@ge.com</p> <p><b>Vice Chair</b> Qin Chen, chenq@ge.com</p> <p><b>Vice Chair</b> Open</p>	<p style="text-align: center;"><b>Power and Energy Society</b></p> <p><b>Chair</b> Sowmya Nellutla, sowmya.nellutla@cgglobal.com</p> <p><b>Vice Chair</b> Prabhakar Neti, netipr@ge.com</p> <p><b>Vice Chair</b> Navaneeth Varadarajan, Navaneeth.Varadarajan@cgglobal.com</p>
<p style="text-align: center;"><b>Education Society</b></p> <p><b>Chair</b> Open</p>	
<p style="text-align: center;"><b>Signal Processing Society</b></p> <p><b>Chair</b> Open</p>	
	<p><b>Committee Member</b> Open</p>

## 2016 Nominations for Appointed Officers

Anyone interested please contact Rebecaa Nold or James Barrett or Krishnat Patil.

<b>Awards Chair</b>	Open
<b>Membership Meeting Coordinator</b>	Amal Mallavarapu, Amal.Mallavarapu@cgglobal.com
<b>Newsletter Editor</b>	Krishnat Patil, krishnat.patil@siemens.com
<b>Nominating Committee Chair</b>	Krishnat Patil, krishnat.patil@siemens.com
<b>PACE Chair</b>	Sina Afshari, afshas@rpi.edu
<b>Past Section Chair</b>	Chandra Reis, creis@ieee.org
<b>PDH Coordinator</b>	Open
<b>Section Historian</b>	Open
<b>e-Week Committee Chair</b>	Louie Powell, louie.powell@ieee.org
<b>Section Liaison to Prof. Eng. Society</b>	
<b>Steinmetz Committee Chair</b>	Open
<b>Student Activities Co-Chair</b>	Open
<b>Student Activities Co-Chair</b>	Open
<b>Webmaster</b>	Open
<b>Women in Engineering Affinity Group</b>	Anna Topol, atopol@us.ibm.com
<b>Young Professionals Program</b>	Open

## 2015 Elected Officers

Is your local society staffed? If not, we need you.

A Society with no Events/Talks/Meetings for 3 years will be dissolved by IEEE.

Call for Volunteers! The Schenectady Section needs your help! By volunteering you will meet great people and help plan professional, educational or social events in the area. These events are reimbursed and bring our IEEE dues back to the local area. Please contact Rebecaa Nold or James Barrett.

<p><b>Executive Committee</b></p> <p><b>Chair</b> James Barrett, jbarrett@nyiso.com</p> <p><b>Vice Chair, Membership</b> Pat Irwin, patriciairwim@gmail.com</p> <p><b>Vice Chair, Treasurer</b> Rebecca Nold, r.nold@ieee.org</p> <p><b>Vice Chair, Secretary</b> Anh Nguyen, ANguyen@sunycnse.com</p>	<p><b>Electron Device Society</b></p> <p><b>Chair</b> Stanley Kocsis, kocsis@ieee.org</p> <p><b>Vice Chair</b> Anuj Bhatia, anuj.bhatia@ieee.org</p> <p><b>Vice Chair</b> Vinit Todi, Vinit.Todi@globalfoundries.com</p> <p><b>Vice Chair</b> Ahmed Elasser, ahmed.elasser@ge.com</p>
<p><b>Computational Intelligence Society</b></p> <p><b>Chair</b> Steve Gustafson, steven.gustafson@ge.com</p> <p><b>Vice Chair</b> Mark J. Embrechts, embrem@rpi.edu</p>	<p><b>Engineering in Medicine and Biology Society</b></p> <p><b>Chair</b> Judy Kilday, jkday@ieee.org</p> <p><b>Vice Chair</b> open</p>
<p><b>Computer Society</b></p> <p><b>Chair</b> open: Plan technical speaker(s)</p> <p><b>Vice Chair</b> Howard Halstead halstead@ieee.org</p>	<p><b>Industry Applications Society</b></p> <p><b>Chair</b> Abouzar Ghavami, abouzar_ghavami@yahoo.com</p> <p><b>Vice Chair</b> Kumar Modepalli, modepk@rpi.edu</p> <p><b>Vice Chair</b> Javad Heydari, khormizi@gmail.com</p>
<p><b>Dielectrics and Electrical Insulation Society</b></p> <p><b>Chair</b> Karim Younsi, karim.younsi@ge.com</p> <p><b>Vice Chair</b> Qin Chen, chenq@ge.com</p> <p><b>Vice Chair</b> Dr. Nancy Frost, drnancyfrost@gmail.com</p>	<p><b>Power and Energy Society</b></p> <p><b>Chair</b> Vince Forte, vforte@nycap.rr.com</p> <p><b>Vice Chair</b> Sowmya Nellutla, sowmya.nellutla@cgglobal.com</p> <p><b>Vice Chair</b> Amal Mallavarapu, Amal.Mallavarapu@cgglobal.com</p>
<p><b>Education Society</b></p> <p><b>Chair</b> Jonathan Ashdown, jonashdown@ieee.org</p>	<p><b>Committee Member</b> Prabhakar Neti, netipr@ge.com</p>
<p><b>Signal Processing Society</b></p> <p><b>Chair</b> Michael Lexa, michael.a.lexa@ieee.org</p>	<p><b>Committee Member</b> Navaneeth Varadarajan, Navaneeth.Varadarajan@cgglobal.com</p>

## 2015 Appointed Officers

<b>Awards Chair</b>	Karim Younsi, karim.younsi@ge.com
<b>Membership Meeting Coordinator</b>	Lou Tomaino, l.tomaino@ieee.org
<b>Newsletter Editor</b>	Krishnat Patil, krishnat.patil@siemens.com
<b>Nominating Committee Chair</b>	Open: Short time commitment - coordinate volunteers
<b>PACE Chair</b>	Sina Afshari, afshas@rpi.edu
<b>Past Section Chair</b>	Chandra Reis, creis@ieee.org
<b>PDH Coordinator</b>	John Golde, John.Golde@goldeengineering.com
<b>Section Historian</b>	Neal Taylor, ntaylor@ieee.org
<b>Section Liaison to Prof. Eng. Society</b>	Louie Powell, louie.powell@ieee.org
<b>Steinmetz Committee Chair</b>	Vince Forte, vforte@nycap.rr.com
<b>Student Activities Co-Chair</b>	Hugo Raul Bashualdo, hugo.bashualdo@siemens.com
<b>Student Activities Co-Chair</b>	Vinit Todi, Vinit.Todi@globalfoundries.com
<b>Webmaster</b>	Rebecca Nold, r.nold@ieee.org
<b>Women in Engineering Affinity Group</b>	Anna Topol, atopol@us.ibm.com
<b>Young Professionals Program</b>	Masoud Abbaszadeh, abbaszadeh@ge.com