



April 2016

(Section Established: 26 Jan 1903, part of IEEE Region 1)

<http://sites.ieee.org/schenectady>

The next Issue of Newsletter will be published in June 2016. Submit articles by June 17.

Celebrating IEEE Volunteers



(Small Actions) x (Lots of People) = BIG CHANGE

Please consider participating in IEEE section activities. IEEE Schenectady Section still has openings on many Section committees. See page 3 for details.

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

Need volunteers for yearly Power Engineering Society Colloquium.

Please contact Sowmya.Nellutla@cglobal.com for details.

Upcoming Events

- May 12, 2016: 'Charles Proteus Steinmetz – Genius at Work' -Presented by Dr. Ahmed Elasser at Niskayuna Reformed Church, 12 – 1 pm.

IEEE Information Session at SUNY Albany

April 7, 2016 (12 pm to 2 pm)

Prof. Jonathan Muckell (from College of Engineering and Applied Sciences) took a lead for bringing IEEE related awareness among students of University at Albany. Ms. Ruth Wolfish from IEEE NJ office gave an interesting presentation explaining benefits of IEEE membership and discussed about some of the advanced features of IEEE Xplore. The mostly student audience was new to the things she shared, and she made it even more captivating by giving away IEEE t-shirts, bags, pens etc to the students who answered her questions correctly during the presentation. Free pizza, soda and cookies were arranged for the students with the support of the college. The session got quite interesting when some of the students started asking questions which led to discussion in between the sessions. At the end of the event some students gathered to consider the possibility of forming an IEEE student branch in their college. Jeel Patel, a graduate student volunteered to communicate with interested students and will try to form a student branch in the college soon.

RPI Students Tour NYISO Krey Control Center
Sponsored by the Schenectady Section and Power & Energy Society
April 6, 2016

The RPI Student Branch of IEEE organized a tour to the NYISO Krey Control Center on April 6th. The tour was sponsored by the IEEE Schenectady Section. Over twenty students attended the tour, many of whom are currently taking a power engineering lab elective at RPI. The tour was organized through Kenneth Klapp at NYISO and was facilitated by James Barrett, the IEEE Schenectady Section Chair. The students got an overview of NYISO and the intricacies involved in managing the power grid for an entire state. They also participated in an activity to demonstrate how power resources are managed to maximize efficiency during peak times and/or when there are problems in the grid. Finally, the main control room was revealed and the students were able to witness the hundreds of screens displaying data from all over New York State with real-time graphs and analyses. A few engineers working in various departments interacted during the tour and gave brief descriptions of their roles at NYISO, so students could get a sense of available opportunities. The students provided a lot of positive feedback after the tour, and the RPI Student Branch hopes to organize another tour in the future.



2016 Elected Officers

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

Executive Committee

Chair James Barrett, jbarrett@nyiso.com

Vice Chair, Amal Mallavarapu, amal.mallavarapu.r@ieee.org
Membership

Vice Chair, Treasurer Rebecca Nold, r.nold@ieee.org

Vice Chair, Secretary Colin McDonough, cmcdonough@sunypoly.edu

Computational Intelligence Society

Chair Steve Gustafson, steven.gustafson@ge.com

Vice Chair Open

Computer Society

Chair Lawrence Kelly, lawrence.kelley@gmail.com

Vice Chair Howard Halstead, halstead@ieee.org

Dielectrics and Electrical Insulation Society

Chair Karim Younsi, karim.younsi@ge.com

Vice Chair Qin Chen, chenq@ge.com

Education Society

Chair Open

Electron Device Society

Chair Rinus Lee, rinus.lee@gmail.com

Vice Chair Ming-Yi Shen, MShen@sunypoly.edu

Vice Chair Stanley Kocsis, kocsis@ieee.org

Engineering in Medicine and Biology Society

Chair Open

Vice Chair Open

Industry Applications Society

Chair Javad Heydari Khormizi, khormizi@gmail.com

Vice Chair Jiangbiao He, jiangbiao.he@gmail.com

Vice Chair Xu She, xshe@ieee.org

Power and Energy Society

Chair Sowmya Nellutla, sowmya.nellutla@cgglobal.com

Vice Chair Prabhakar Neti, netipr@ge.com

Vice Chair Navaneeth Varadarajan, Navaneeth.Varadarajan@cgglobal.com

Vice Chair Masoom Chowdhury, masoom.chowdhury@siemens.com

Signal Processing Society

Chair Javad Heydari Khormizi, khormizi@gmail.com

Vice Chair Mike Lexa, michael.a.lexa@ieee.org

2016 Appointed Officers

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

Awards Chair Open

Membership Meeting Coordinator Amal Mallavarapu, amal.mallavarapu.r@ieee.org

Newsletter Editor Krishnat Patil, krishnat.patil@siemens.com

Nominating Committee Chair Krishnat Patil, krishnat.patil@siemens.com

PACE Chair Sina Afshari, afshas@rpi.edu

Past Section Chair Chandra Reis, creis@ieee.org

PDH Coordinator John Golde, John.Golde@goldeengineering.com

Section Historian Stephen M. Burchett, stephen.burchett@gmail.com

e-Week Committee Chair Louie Powell, louie.powell@ieee.org
Section Liaison to Prof. Eng. Society

Steinmetz Committee Chair Open

Student Activities Co-Chair Open

Student Activities Co-Chair Open

Webmaster Jeel Patel, jjpatel@albany.edu

Women in Engineering Affinity Group Anna Topol, atopol@us.ibm.com

Young Professionals Program Open

Union Student Branch Chair Jackson Doughty, doughtyj@union.edu

RPI Student Branch Chair Alexis Peterson, petera9@rpi.edu



electric city innovation center

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FOR IMMEDIATE RELEASE

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Electric City Innovation Center Launches in Downtown Schenectady

Charter Members Include Whiteman, Osterman & Hanna, Union College, GE Global Research, Mark Little and Buzz Media Solutions

Schenectady (March 8, 2016) – The Electric City Innovation Center (ECIC) today announced the start of operations in downtown Schenectady with five members already committed to the new collaborative work space located at 433 State Street. ECIC is open to entrepreneurs and inventors who want to develop early stage companies in a dynamic and collaborative co-working environment. The ECIC has over 10,000 square feet of office and project space at the Center City building located across the street from Proctors. The goal is for ECIC to become a leading innovation center in New York State’s Capital Region.

Anthony Jasenski, Chairman of the Schenectady County Legislature said, “The ECIC will continue the great history of innovation in Schenectady County and bring even more tech talent to our rejuvenated downtown. Our downtown is already a hub for arts, entertainment and technology, but will have even more energy and excitement with the addition of this shared workspace.”

The ECIC is designed to be a launch pad for startup and other innovative companies. By providing a flexible, collaborative work environment, ECIC lets members focus on developing their ideas. Members can select from large co-working areas or private offices. All have access to a stocked kitchen, conference rooms and high-speed Wi-Fi.

ECIC is collaborating with Wise Labs, a technology commercialization company that leverages a large network of former GE scientists and engineers to help start-up entrepreneurs, as well as established businesses, solve technological challenges and commercialize innovations. ECIC members will have access to the Wise Labs network to receive a wide range of support including technical assistance, connections to industry leaders and help with creating business plans and commercialization strategies.

“When you develop a gathering place for talented people to work together, you create a destination for innovation,” said Bill Kernick, Executive Director of ECIC.

ECIC has already attracted charter members who have become part of the ECIC ecosystem. They include:

- Whiteman, Osterman & Hanna, LLP-- the Capital Region’s largest law firm.
- Mark Little – retired Chief Technology Officer at GE
- Buzz Media Solutions – a public relations and marketing company
- GE Global Research
- Union College

The ECIC will also host companies that support Schenectady’s Smart City program. The aim of the Smart City initiative is to identify technologies that make cities more responsive, efficient and effective in providing services and support to their communities. Several companies working in the smart cities arena plan to join the ECIC.

Mayor Gary McCarthy said, “ECIC builds on our Smart Cities program and I am pleased to see this new center for innovation emerge here in Schenectady. ECIC will help us retain talent while attracting tech savvy entrepreneurs to our community.”

The ECIC has been made possible in collaboration with the Galesi Group and Metroplex.

David M. Buicko, President and CEO of the Galesi Group said, “It would be easier for us to lease space to one company, but we are not about easy solutions. ECIC brings a unique opportunity to Schenectady and we are hopeful that it will spur the development of interesting high-tech startup companies that will grow and remain in our community.”

Ray Gillen, Metroplex Chair said, “Many progressive downtowns around the country now offer co-working spaces. Few shared work spaces have the advantages offered by ECIC including linkages with former GE technology leaders, on-site legal and communications expertise and a chance to work technology mentors and local colleges. We are very excited about the potential as ECIC launches in our renewed downtown.”

The ECIC is now taking applications from entrepreneurs seeking a co-working experience. For more information contact ECIC@wiselabs.com, or visit WISELABS.COM/ECIC

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