

IEEE Region 2 Central Area

(Joe Kalasky, Area Chair)

[22 Feb/2014] Atlantic City

Susquehanna Section



Susquehanna Section

Executive Section Officers

Chair: Wolfram Bettermann, Ph.D.
Vice Chair: William F Maney IV
Treasurer: Jeffrey Watson
Secretary: Robert Lesniewski

<https://ewh.ieee.org/r2/susquehanna/>

Membership: 800 (Feb 4'14)

Section Goals (I)

- **Represent** our section members interests locally (section), regionally (central PA), nationally (IEEE-USA, CVD) and internationally (**Sections Congress**)
- **Member centered section:** create activities for our members from industry, academia, and government

Chapter Officer

CE08 Consumer Electronics Society

Chair: Aldo Morales, Ph.D.

Local Interest Groups

Employment Network (since Dec '12)

Lead Person: Jeffrey Watson

Program Manager: Wolfram Bettermann

Standing Committees

Educational Activities

Chair: Aldo Morales, Ph.D.

Student Activities

Chair: Sedig Agili, Ph.D.

PACE

Chair: Wolfram Bettermann, Ph.D.

Section Goals (II)

- Create **STEM** education related activities (K-12)
- **Senior Member Drive**, more tours
- Rise awareness of the long-term importance of STEM to the nation w/ f2f meetings w/ Member of Congress (**IEEE-USA Congressional Visit Day March 25-26'14**)

Susquehanna Section

Section Events 2013

- **Jan** Variable Frequency Drives and Motor Control and Integration (PSH, Middletown)
- **Feb** EXCOM meeting
- **Feb** Dickinson Programming Contest (PSH)
- **March** Engineering Consideration for Large Scale PV Plants (PSH)
- **April** Health Information Exchange and the Role of Wireless Technology, PSH
- **April** Symposium on Signal Integrity (CE08)
- **May** Nanotechnology in Solar Cells, PSH
- **Sept** Solar PV Electric Vehicle Charging Technology (PSH)
- **Oct** Sechan Electronics: Tour and Talk at a local government contract firm (Lititz, PA)
- **Nov** EXCOM meeting (PSH)
- **Nov** High Temperature Electronics (PSH)
- **Dec** New Connectors for the New Trend (CE08)

Items of Interest (2014)

- April: **Symposium on Signal Integrity** at Penn State Harrisburg (supported by section, organized by CE08 chapter)

Registration: <http://hbg.psu.edu/csi/>

PACE projects

- IEEE Xtreme Competition (10'14) (Penn State Harrisburg, Susq. Section)
- K-12 Robotics Competition (11'14) (PSH, HACC, Section, Dauphin County Votech)

IEEE Nanotechnology Council (NTC)

- create local professional chapter (?)

<http://sites.ieee.org/nanotech/chapters/>

Special Events ('13)

- **Feb 20** Central PA Engineers Week
- (CPEWC: technical achievement **award** for one section member, Camp Hill, PA)
- **March** 12-13 Congressional Visit Day, Washington D.C. (represented by Chair)
- **Aug** 1-4 IEEE-USA conference, Oregon (Pace Chair)

Section Events 2014

- Jan** PA STARNet Radio Network Upgrade and Development of the National Public Safety Broadband Network, PSH
- Feb 20** CPWEC Awards Banquet: One Section Member receives Technical Achievement Award
- March 16** Nanotechnology for E-Engineers (PSH)

Issues and Concerns

- Recruiting Section volunteers !!
- Find speakers/tours for Section events



West Virginia Section

WV Section Activities

Officers

Chair: Asad Davari
Vice Chair: Yadi Eslami
Secretary: Kenan Hatipoglu
Treasurer: Mingyu Lu
PACE Chair: Houbing Song
Membership: 151 Active
% increase: ???

First Event:
Technical meeting
Date: 02/28/2013
of attendees:
19 Members:17 Non-
members:2
2nd Event:
Students Awards
Date: 05/03/2013
#of attendees: 17
Members: 9 Non-members:8
3rd Event:
Technical meeting
Date: 09/24/2013
of attendees: 10
Members:10 Non-members:0

4th Event:
Technical tour of NRAO
Date: 11/02/2013
of attendees: 5 Members:
3 Non-members:2
5th Event
Technical meeting
Date: 12/10/2013
(Event cancelled due to bad
weather and road conditions)
6th Event
Technical meeting
Date: 02/25/2014



Green Bank Observatory
5
Technical Tour



Students Awards

Issues & Concerns

- Membership Enhancement
- Members Engagement in the activities
- Members Advancement
- Need to expand industry relationships

IEEE Erie Section



IEEE Erie Section Officers

Chair:	Robert Weissbach
Vice Chair:	David S. Willoughby
Secretary:	Bryan Walker
Treasurer:	Brian Bogacki
Membership Chair:	Frank (Weifeng) Xu
PDS Rep.:	Yunkai Liu

Membership: 170

IEEE Erie Section Highlights 2013

- **March** – Gannon University and Penn State Behrend Student Paper Competitions
- **April** – Tour of Power Systems Experience Center at Eaton Corporation
- **October** - Section Picnic
- **November** - New Members Dinner
 - Guest Speaker – Dr. Gregory Reed, Director, Electric Power Initiative Associate Director

Johnstown IEEE Section

Officers

Chair: M. Ed Brandau
Vice Chair: Doug Atterbury
Secretary: Bill Timbs
Treasurer: Mike Howell
Student Chair: Bill Wiesermann
Director: Ed Olshefski

Membership: About 150

2013-14 Calendar of Events

1/31/13 Smart Grid power converter
2/20/13 Engineer's Week Banquet
4/11/13 Senior project competition
4/25/13 Tour Johnstown 230/115 kV substation
5/16/13 Tour HD TV broadcast tower and amplifier
2/18/14 Engineer's Week Banquet
March Resume workshop?
April Senior project competition
May Tour new 230 kV SVC?

Issues & Concerns

- Officer volunteers needed
- Dwindling employer base
- Past officers resigned due to lack of employer support/work load
- Small student base at universities makes official student branch nearly impossible to form
- Membership engagement



Pittsburgh Section

Officers

Chair: Jim Beck
Vice Chair: Frank Pietryga
Secretary: Zhi (George) Gao
Treasurer: James Lagree
PACE Chair: Joe Cioletti
Membership: 2,626



2014 Meetings

- 2014-01-06, PES/IAS Technical Seminar
- 2014-01-23, Comm. Soc. Technical Seminar
- 2014-01-23, PES/IAS Technical Seminar
- 2014-02-03, Upper Mon Subsection, Technical Seminar at WVU
- 2014-02-06, PES/IAS Technical Seminar
- 2014-02-12, WIE Technical Seminar at CMU
- 2014-02-15, Demo Table at Carnegie Science Center for Engineers Week
- 2014-02-15, Annual IndEEE 500 Robot Car Race for local students at Carnegie Science Center (11 teams / 42 students)

- IEEE Energy Conversion Congress & Expo (ECCE) is going to be held in Pittsburgh, September 14-18

Stats

- 6 new fellows
- 13 Chapters
- 3 Affinity Groups
- 5 Committees

Issues & Concerns

- Active Members and Volunteers
- Membership Engagement

Pittsburgh Section Robotic Car Race – Feb 15, 2014



Anxious students prepare for the race along S-Curves that robotic cars must detect .

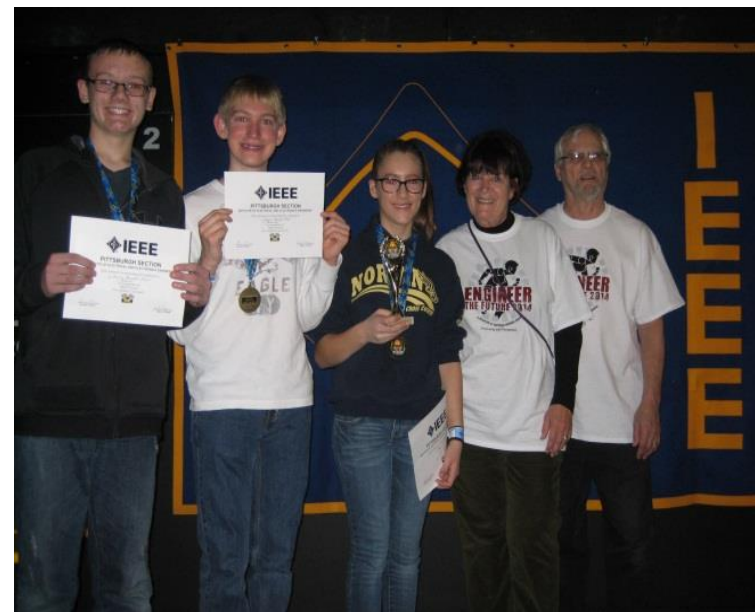


Students are assisted by IEEE Volunteers and advisors in assembling and programming their Lego racers.

Pittsburgh Section Robotic Car Race – Feb 15, 2014



2-Mar-14 11 teams from 8 junior high schools (public, parochial, & home schools) display cars for final judging.



Proud First Place Winners –
Norwin Junior High.