

IEEE Region 2 - Central Area

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[04/April/2009] Youngstown, Ohio

Central Area Membership by Section – Spring 2009

	2009*	2008	2007	2006
Central Pennsylvania	472	480	650	635
Erie	161	194	166	219
Johnstown	164	194	146	154
Pittsburgh	2488	2802 e	2802 e	2802 e
Susquehanna	751	833	857	885
West Virginia	150	119	193 e	193 e

- e – estimated number
- * Spring 2009 – SAMIEEE Data on 04/16/2009, Active Members

Needs of the Sections in the Central Area

- Interrelated problems:
 - Low participation at events
 - Inadequate opportunities for using membership to make connections for tours and activities
 - Connecting isolated members
- Providing Value to the Members for their Membership
 - Retaining & Recruiting
 - Identifying what the Members would perceive as Valuable
 - Value of Membership
 - across Generations and Disciplines

Needs of the Sections in the Central Area

- New Year Drop Off Rate
- Student Branch Momentum
- Increasing Participation of Members
 - After period of inactivity for long time
 - More frequent interaction / participation
- Increasing Industry Support
- Easier access to Speakers (?)
- Increase awareness of Funding available for activities / projects (?)

Central PA Section Activities

- **Meeting Topics (Lectures)**
- *2/24/09 - "Everything an Engineer Should Know but...", Dr. Anthony Ferraro
- 12/11/08 - "Darpa Overview," Dr. Larry B. Stotts
- 10/30/08 - "Chip Scale Systems: Technology Advancement and Economic Development," Dr. David Landis
- 9/25/08 - "Ultra-Wideband Linear Polyfractal Array," Micah Gregory
- 5/2/08 - "Global Climate Change: Human Causes and Responses," Ralph J. Cicerone
- 2/12/08 - "The Life of James Clerk Maxwell," James C. Rautio

Central PA Section Activities

- **Section Officer's Meetings**
- ExComm, Election, and Financial reporting
- **Student Competitions & Awards**
- *5/2/09 – Central PA Sponsored Sumo Robotics competition
- *11/20/08 – Central PA IEEE education award for LEGO RCX systems

Erie

Section Activities

- Pre College Education
 - Math Options
 - *MATHCOUNTS
 - Quality Engineering Design Camp
- *New Members' Dinner
- Student Competitions
 - Penn State/Behrend Paper Competition
 - Gannon University Paper Competition

Erie

Section Activities

- *Bus tour to GM Heritage Museum, April 24, 2009
- *Planned social hour, June
- Successes
 - Identified Members to accept leadership roles on Executive Board
 - Majority are industrial members
 - Fall elections may have a slate

Johnstown Section Activities

- New Volunteer Recruitment
- *Increased Activity – Meetings, Tours, Social Meetings
- *Use of Section Website As Communication Medium To Members And Non-Members – Effective!
 - Email for Meeting Notices
 - “Friends and Associates” Email List, future members
- *Officer Training Workshop – Very Helpful!
- Pre-College Education
 - *MathCounts
 - Boy Scout Engineering Merit Badge Day
- Technical Meetings
 - Digital / Analog TV Meeting
 - Trumpet Playing Robot
 - Power Generation, Transmission, Quality

Johnstown Section Activities

- Industrial Tours
 - Appleton Papers
 - *Gamesa Wind Turbine Blades
- Upcoming Tours Planned:
 - *CheckPoint – Internet Café and Video Gaming Venue – Attract more students
 - Galliker's Dairy – Milk, Ice Cream, Tea
 - JWF, Johnstown Welding and Fabrication
- *Presentation - Retirement Planning

Johnstown Section Activities

- New Initiatives – Working on forming:
 - Computer Society Chapter
 - Power Society Chapter (?)
 - *Subsection, Tech Park, Richland PA
- College Education
 - *Increase Activity With UPJ
 - Expanding To Other Schools (?)
- GOLD - Appointed a GOLD Chair
 - *Forming GOLD Affinity Group

Pittsburgh Section Activities

- New Processes
 - “Lunch & Learn” for ExCom
 - How to use SAMIEEE, Email to Members
- Sr. Member Upgrades
- Pre-College Education, *Events at Carnegie Science Center
 - 16th Annual IndEEE 500cm Robot Car Race
 - Science Fair for Area High School students
- Upcoming History Dinner at *Pittsburgh History Center on May 28th. Presentation will be by a historian acting as George Westinghouse. We have invited our Toronto Sister Section and hope they can attend and learn about Pittsburgh history.

Pittsburgh Section Activities

- Industrial Tours
 - Vocollect – Voice and RFID combined
 - FBI Finger Print Center – fingerprint technology
 - CMU Robotics (in planning)
 - Google Lunar X-Prize (in planning)
- Meeting Topics (Lectures)
 - Section – 5, e.g., Energy X-Prize
 - Communications – 6, e.g., Digital TV, Ultra CMOS
 - Computer – 6, e.g., Voice RFID, FPGAs, DARPA Grand Challenge/CMU
 - PES/IAS – 20, Ampere, PC Boards, Opt. Transformers, Electrical Contacts
 - Social Impl Tech – 3, FBI Tour
 - Upper Mon - 3, Software Eng
 - GOLD – 4, Social Meeting, PE License Workshop

Pittsburgh

Section Activities

- New Initiatives
 - *Seeking new “minimum” number of meetings to be at least 4 per society/chapter, not 2
 - *Working with X-Prize Foundation to identify possible competitions for an “Energy X-Prize”. Involving Pitt, CMU, and other student chapters.
 - Attempting to create a “Vintage Computer Exhibition” with Carnegie Science Center as a joint effort between Computer Society and History Committee
- Society Meetings/Status
 - Women in Engineering - hoping to revitalize it
 - Magnetics is challenged due to upcoming closure of Seagate office in Pittsburgh and exodus of some engineers to other locations.
 - Hoping to start 3 new Societies/Chapters in:
 - Nanotechnology (process started, 2 signatures to go)
 - Industrial Electronics Society (under consideration)
 - Materials (under consideration)
 - Component Packaging (under consideration)
 - Student Activities & Computer Society working to get an IEEE Foundation Challenge Grant to ‘package’ IndEEE 500cm Robot for other Sections’ use.

Pittsburgh Section Activities

- Other Affinity Groups
 - *Engaging Consultants Network in X-Prize
 - *Engaging Life Members in Vintage Computer Exhibition
- What can the IEEE do for the Section
 - Help us work better with Toronto Sister Section to do things together

Susquehanna Section Activities

- Senior Membership Drive planned for September 2009
- Educational Activities planned with middle and high schools
 - Submitted a Grant proposal to incorporate IEEE TISP
- *Planning a Fellow/Senior affinity group
- 125 Celebration Committee Social/Lecture event
- Pre-College Education
 - Presentations on Electrical & Computer Engineering Careers to 8th through 12th Graders during Engineering Week
 - *Set up IEEE display at Colonial Park mall in Harrisburg PA for National Engineers Week.
 - Set up IEEE display at the Whitaker Center in Harrisburg PA, Feb. 2009. Hundreds of pre-college students visited the display.

Susquehanna Section Activities

- Tutorials: Signal Integrity Symposium
- Industrial Tours
 - Three Mile Island Simulator Facility
 - ITT Technical Institute – Harrisburg Tour
 - *New WITF TV Station Facility
- Meeting Topics (Lectures)
 - *Putting Teeth in Six Sigma, Robert Horst, IEEE Life Fellow
 - Emerging Pluggable Hybrid Vehicle
 - Video Surveillance: Current Issues and Future Trends
 - Engineering the Weather - Parallels Between Engineering and Meteorology
- Student Activities - Penn State Harrisburg (PSH) IEEE Student Branch
 - *Planning to participate in the R2 Competition
 - Wing Night; Fundraising to acquire T-shirts
 - Participation in the Third Symposium on Signal Integrity

Susquehanna Section Activities

- New Initiatives
 - Planning for a new Chapter of the Consumer Electronics Society
- *Awards from the Central Pennsylvania Engineers Week Council
 - Section won second place for the number of high school visitations for the year and received a Certificate
 - Dr. Aldo Morales, from Penn State Harrisburg, obtained the Technical Achievement Award
 - Jason Piatt, from Praestar Technology Corporation, received the Young Engineer of the Year award

West Virginia Section Activities

- ***After two years, we had an election!**
 - used the *vtool* electronic voting toolkit
- 4 Section Officers, Chair Consultants Network, & Digital Communications Director
- New Processes
 - *Reclaimed and revised Section Website
 - *Established a LinkedIn group
 - Established Section History
 - Increased Membership

West Virginia Section Activities

- Holding Meetings
 - Joint meeting with the International Society of Automation (ISA)
 - Field trip; visiting National Radio Astronomy Observatory in Green Bank WV (during summer)
- Consultants Network
 - Working with National Chair of the AICN (Alliance of IEEE Consultants Networks)
 - *Planning "Why every Section should have a Consultants Network" followed by a 6-hour seminar on "How to Start or Expand a Successful Consulting Practice"

West Virginia Section Activities

- *New Student Branch Faculty Advisor
 - Invites students from ECE, EET, Math, Physics and Computer Science
- Student Activities
 - *Student design Competitions & Awards
 - Criteria Developed, Chose awards amounts
 - 8 Projects are submitted
 - Will have award banquet
 - 13 IEEE student member team from WVU registered to IEEE R2 SAC

Last Slide Thank You!

- ▣ backup slides follow
 - details

Backup Slides

- ▣ Central PA

Central PA Section IEEE

4/15/2009



Section Activities

- Meeting Topics (Lectures)
 - 2/24/09 - “Everything an Engineer Should Know but...,” Dr. Anthony Ferraro
 - 12/11/08 - “Darpa Overview,” Dr. Larry B. Stotts
 - 10/30/08 - “Chip Scale Systems: Technology Advancement and Economic Development,” Dr. David Landis
 - 9/25/08 - “Ultra-Wideband Linear Polyfractal Array,” Micah Gregory
 - 5/2/08 - “Global Climate Change: Human Causes and Responses,” Ralph J. Cicerone
 - 2/12/08 - “The Life of James Clerk Maxwell,” James C. Rautio

Society/Chapter Activities

- Society Meetings/Status
 - 2/12/09 - Financial reporting meeting
 - 2/06/09 - IEEE officers meeting
 - 1/17/09 - IEEE election meeting
 - 8/06/08 - Officers meeting
 - 2/07/08 - Officers meeting

Student Activities

- **Student Competitions & Awards**
 - 5/2/09 – Central PA Sponsored Sumo Robotics competition
 - 11/20/08 – Central PA IEEE education award for LEGO RCX systems

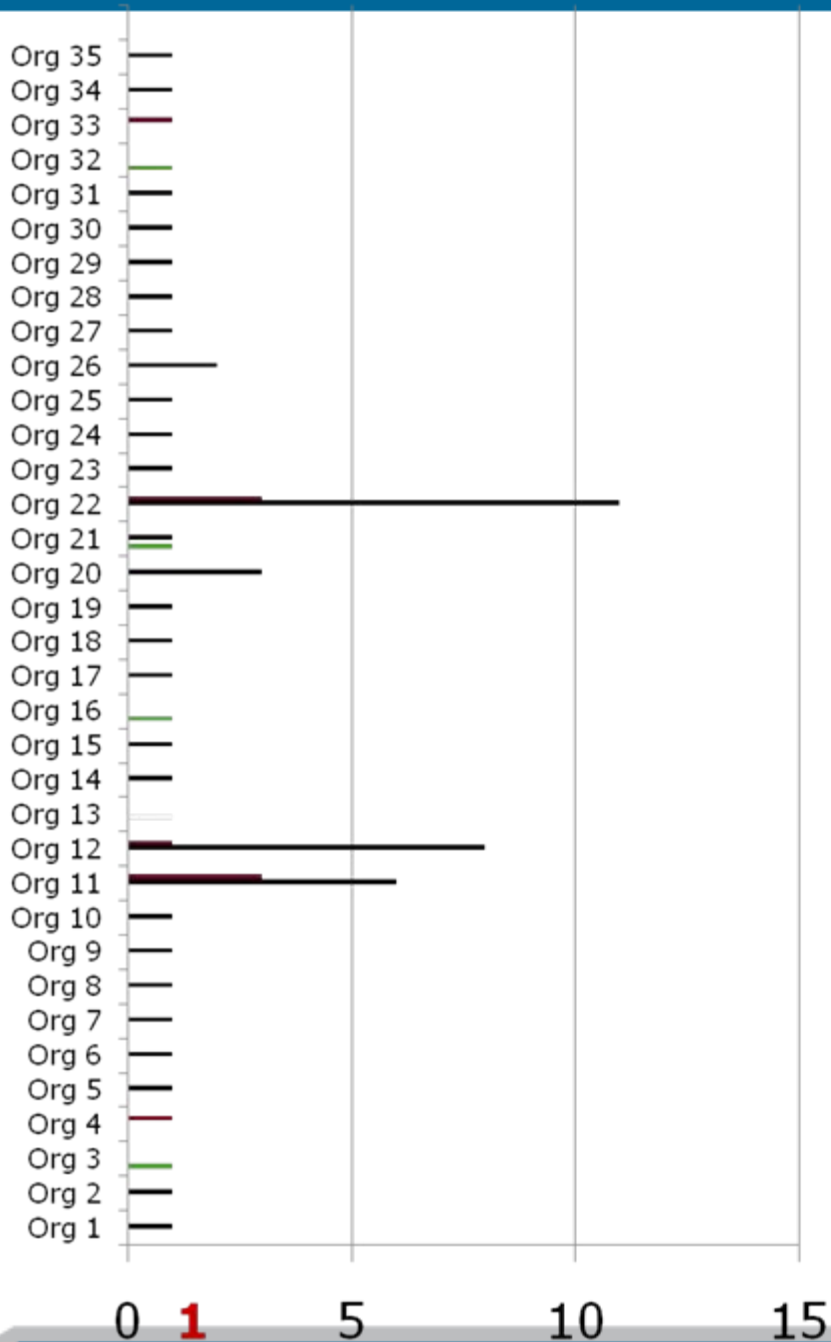
Backup Slides

- Erie

Central Area Membership by Section

- Pittsburgh ?????? (2802*)
- Susquehanna (857*) ??? 833
- Central Pennsylvania ?????? (650*)
- Erie see next slide
- West Virginia ?????? (193*)
- Johnstown ?????? (146*)
- * Spring 2008 membership

Member	173	Erie Section
Senior Member	15	Erie Section
Life Fellow	1	Erie Section
Life Member	21	Erie Section
Life Senior	14	Erie Section
TOTAL	224	



ERIE: Members identifying employment organizations:

- **35** organizations identified

- Majority (83%) have only **1** member on site

- Senior Member
- Member
- Life Senior
- Life Member

Section Activities

■ Pre-College Education

■ Erie

- *Math Options*
- *Technical field career day for seventh- and eighth-grade girls*
 - Hosted at Penn State/Behrend, Fall 2008
 - Support for effort

- *MATHCOUNTS*
- *Middle school math achievement competition*
 - Hosted at Penn State/Behrend, Spring 2008
 - Support for effort

- *Quality Engineering Design Camp*
- *High school, week-long resident engineering exposure/experience*
 - Offered, defined, and hosted at Gannon University, Summer 2008
 - Support for effort

Section Activities

- Awards Banquets/Ceremonies (other than Engineers Week)
- Erie
 - New Members' Dinner
 - November 13, 2008
 - Russell V. Combs, Sr.
 - Director, Erie Technology Incubator (ETI)
 - Explained purpose and strategy of ETI
 - Discussed several resident clients' businesses
 - Identified power of an incubator to foster economic growth, regionally

Student Activities

■ Student Competitions & Awards

■ Erie

Presentations, prizes, & dinner

– Penn State/Behrend Paper Competition

- March 25, 2009

– Gannon University Paper Competition

- March 18, 2009

Other Notable Activities

ERIE:

- Bus tour to GM Heritage Museum, April 24, 2009
Fees and bus cost hosted by Section
Gannon & Penn State / Behrend student chapters of IEEE, ASME, and SWE invited with expenses covered, as for IEEE membership

- Planned social hour, June

Successes

ERIE:

- ⑩ Identified members to accept leadership roles on Executive Board
- ⑩ Majority are industrial members
- ⑩ Fall elections may have a slate

Difficulties/Concerns

Erie:

■ Symptom:

- Low participation at events
- Inadequate opportunities for using membership to make connections for tours and activities

■ Interrelated problems:

- Connecting isolated members
- Providing value to the members for their membership
- Identifying what the members would perceive as valuable
- Enticing membership across professional generations by offering them value

Backup Slides

- ▣ Johnstown

IEEE Region 2 - Central Area

R Dennis Molly

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Central Area Membership by Section

- Johnstown 164 (194*)
- * Spring 2008 membership
- ** Spring 2007 membership

JST Membership Breakdown

04/14/2009

IEEE Current Grade Description	IEEE Membership Status Description	Count of Members
Affiliate	Active	4
Associate Member	Active	11
Graduate Student Member	Active	5
Life Member	Active	15
Life Senior	Active	5
Member	Active	99
Senior Member	Active	7
Student Member	Active	18
	TOTAL Active	164
	Arrears	35
	TOTAL Active + Arrears	199

Section Activities

■ New Processes

- Continuing To Work On More Active Volunteer and Member Involvement in Planning Section Activities
- Use of Section Website As Communication Medium To Members And Non-Members
 - Also Using Email for Meeting Notices
 - Maintaining a “Friends and Associates” Email List – future members (?)

Section Activities

- **Educational Activities & Continuing Education Courses**
 - Officer Training Workshop held 03/14/2009

Section Activities

- Pre-College Education
 - MathCounts – Middle School Math Competition
 - Boy Scout Engineering Merit Badge Day

Section Activities

■ **Tutorials**

- Digital / Analog TV Meeting
- Trumpet Playing Robot
- Power Generation, Transmission, Distribution, and Power Quality

Section Activities

■ Industrial Tours

- Appleton Papers – Carbonless And Secure Papers
- Fiberblade LLC (Gamesa) Wind Turbine Blades and Wind Farms

– Upcoming Tours Planned:

- CheckPoint – Internet Café and Video Gaming Venue
 - Hope to Attract More Students
- Galliker's Dairy (Milk, Iced Tea, Ice Cream, ...)
- JWF, Johnstown Welding and Fabrication

Section Activities

- Meeting Topics (Lectures)
 - Retirement Planning – “Making Sense of Retirement”

Section Activities

- Engineers Week Activities
 - MathCounts
 - Engineer's Week Banquet
 - PSPE
 - Awards – UPJ Scholarship

Society/Chapter Activities

■ **New Initiatives**

- Working On Forming A Computer Society Chapter
- Considering Forming A Power Society Chapter

- Working On Forming a Subsection
 - Tech Park, High Concentration of Technical Industries in the Richland Township Area of Johnstown, PA

Student Activities

■ Student Competitions & Awards

- Sponsored Engineering Student Scholarship at UPJ (University of Pittsburgh, Johnstown)

Student Activities

- Other Notable Student Activities
 - Working To Increase Activity With Student Members At UPJ (University of Pittsburgh, Johnstown)
 - Considering Expanding the Number of Student Branches To Other Schools In Section's Geographic Area

Affinity Groups' Activities

- GOLD
 - Appointed a GOLD Chair
 - In the process of forming a GOLD affinity group

Other Notable Activities

■ **Joint Meetings With Other Professional Societies:**

- Pennsylvania Society of Professional Engineers (PSPE) Awards Banquet

Other Notable Activities

- 3 Members Attended Section's Congress 2008
- Social Meetings
 - Meet and Greet Officers, Members

Successes

- ▣ New Volunteer Recruitment
- ▣ Increased Activity – Meetings, Tours

Difficulties/Concerns

- New Year Drop Off Rate
 - Retaining Members Instead Of Them Going Into Arrears
- Student Branch Momentum
 - Loss of Momentum Every Year
 - Low Membership of Lower-Level Students (Freshman, Sophomores)
 - Adding Members from Computer Science, Math, non-EE Engineering, etc.

What can the IEEE do for the Section?

- ▣ Speakers (?)
- ▣ Funding (?)

Backup Slides

- ▣ Pittsburgh



Celebrating 125 Years
of Engineering the Future



IEEE Pittsburgh Section

John Twigg, Chair
Email: jtwigg@ieee.org

Section Activities

■ New Processes

- Initiating a “Lunch & Learn” for ExCom on:
 - How to use SAMIEEE
 - How to submit an email blast to members
 - etc.

Section Activities

- **Educational Activities & Continuing Education Courses**
 - **Membership upgrades to Senior Members**

Section Activities

■ Pre-College Education

- Held 16th Annual IndEEE 500cm Robot Car Race in during Engineer's Week at Carnegie Science Center, Pittsburgh
- Held Science Fair for Area High School students in April at Carnegie Science Center, Pittsburgh

Section Activities

- **Awards Banquets/Ceremonies (other than Engineers Week)**
 - **Upcoming History Dinner at Pittsburgh History Center on May 28th. Presentation will be by a historian acting as George Westinghouse. We have invited our Toronto Sister Section and hope they can attend and learn about Pittsburgh history.**

Section Activities

■ Industrial Tours

- Vocollect – Voice and RFID combined
- FBI Finger Print Center – fingerprint technology
- CMU Robotics (in planning)
- Google Lunar X-Prize (in planning)

Section Activities

- Meeting Topics (Lectures)
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 - PES/IAS – 20, Ampere, PC Boards, Opt. Transformers, Electrical Contacts
 - Social Impl Tech – 3, FBI Tour
 - Upper Mon - 3, Software Eng
 - Gold – 4, Social, PE License

Section Activities

- Engineers Week Activities
 - IEEE Pittsburgh Section table at Carnegie Science Center
 - IndEEE 500cm Robot Car Race (16th Annual!)

Society/Chapter Activities

■ New Initiatives

- Seeking new “minimum” number of meetings to be at least 4 per society/chapter, not 2
- Working with X-Prize Foundation to identify possible competitions for an “Energy X-Prize”
- Attempting to create a “Vintage Computer Exhibition” with Carnegie Science Center as a joint effort between Computer Society and History Committee

Society/Chapter Activities

- Society Meetings/Status
 - All good except for Women in Engineering. We're hoping to revitalize it.
 - Magnetics is challenged due to upcoming closure of Seagate office in Pittsburgh and exodus of some engineers to other locations.
 - Hoping to start 3 new Societies/Chapters in:
 - Nanotechnology (process started, 2 signatures to go)
 - Industrial Electronics Society (under consideration)
 - Materials (under consideration)
 - Component Packaging (under consideration)

Society/Chapter Activities

- Other Notable Society/Chapter Activities
 - Student Activities and Computer Society working to get an IEEE Foundation Challenge Grant to allow the IndEEE 500cm Robot to be packaged for other Sections' use.

Student Activities

- **Student Competitions & Awards**
 - IndEEE 500cm Robot Car Race
 - 1st, 2nd, and 3rd place winners
 - Certificates for most innovate, technical

Student Activities

- Other Notable Student Activities
 - Involving Pitt, CMU, and other student chapters in the Energy X-Prize competition design. (The Pittsburgh Section is working with the X-Prize Foundation to help them identify their first energy X-Prize.)

Affinity Groups' Activities

- Gold
 - Social meeting held in February
 - PE License workshop held in April

Affinity Groups' Activities

- Consultants Network
 - Engaging Consultants Network in X-Prize

Affinity Groups' Activities

- Other Affinity Group Activities
 - Life Members – engaging them in Vintage Computer Exhibition

Other Notable Activities

- **Joint meetings with other professional societies:**
 - Sister Section (Toronto) – History Dinner in May
 - Possible joint activities on Energy X-Prize
 - Batting about the idea of “Relevancy Forums” (panel discussions) on topics such as electrical grid network infiltration by foreign entities, etc.

- **Joint meetings with other professional societies:**
 - Sister Section (Toronto) – History Dinner in May
 - Attendance by the X-Prize Foundation at our April 29th Energy X-Prize ideas presentation meeting
 - X-Prize collaboration with Allegheny Co.
 - Batting about the idea of “Relevancy Forums” (panel discussions) on topics such as electrical grid network

What can the IEEE do for the Section?

- Help us work better with Toronto Sister Section to do things together

Backup Slides

- ▣ Susquehanna

Central Area Membership by Section

- Susquehanna 797
(833*)
- * Spring 2008 membership

Section Activities

■ New Processes

- A Senior membership drive is being planned for September 2009.
- Educational Activities are being planned to link with middle and high schools
- Planning a Fellow/Senior affinity group
- Planning a chapter of Consumer Electronic Society
- 125 Celebration Committee Social/Lecture event

Section Activities

- **Educational Activities & Continuing Education Courses**
- Submitted a Grant proposal to incorporate IEEE Teacher-in-Service-program

Section Activities

■ Pre-College Education

- Presentations on Electrical & Computer Engineering Careers to 8th through 12th Graders at Harrisburg Area Community College during Engineering Week, Feb. 15 to Feb. 21st, 2009. About 30 students each time.
- Set up IEEE display at Colonial Park mall in Harrisburg PA for National Eng. Week. Feb. 2009.
- Set up IEEE display at the Whitaker Center in Harrisburg PA, Feb. 2009. Hundreds of pre-college students visited the display.

Section Activities

- **Tutorials: Signal Integrity Symposium, April 14, 2009**
 - "Jitter" Dr. Ransom Stephens
 - "USB 3.0 Electrical Challenges and Solutions," Dr. Howard Heck, Intel
 - "Gems: A General-Purpose Electromagnetic Solver For Emi/Emc Problems Arising In Electronic Packages," Dr. Raj Mittra, Penn State University
 - "Via and Via Array Modeling on Crosstalk, " Dr. Jun Fan, Missouri University of Science and Technology
 - "Improved de-embedding techniques for highly-coupled multiport fixtures," Dr. Jon Martens, Anaritsu

Section Activities

■ Industrial Tours

- **Three Mile Island Simulator Facility Tour and Talk, November 2008.**
- **ITT Technical Institute - Harrisburg Campus Tour, January 2009**
- **Tour of the new WITF TV Station Facility, March 2009**

Section Activities

■ Meeting Topics (Lectures)

- **“Putting Teeth in Six Sigma,”** Robert Horst, PE, IEEE Life Fellow, September 2008.
- **“Emerging Pluggable Hybrid Vehicle Technology,”** Dr. Joel R. Anstrom, Director of the Hybrid and Hydrogen Vehicle Research Laboratory, Pennsylvania State University , October 2008
- **“Video Surveillance: Current Issues and Future Trends”** Dave Katz, Sr. System Engineer/Architect, Bosch Security Systems, Lancaster, PA, December 2008

Section Activities

- Engineers Week Activities
- Joint Meetings
- Talk “Engineering the weather - parallels between engineering and Meteorology,” Tom Russell, CBS 21, Chief Meteorologist, February 2009.

Society/Chapter Activities

- **New Initiatives: Planning for a new Chapter of the Consumer Electronics Society**

Student Activities

- **Student Competitions & Awards**
- Penn State Harrisburg (PSH) IEEE Student Branch Planning to participate in the Region 2 Competition
- PSH IEEE Student Branch organized Wing Night
- PSH IEEE Student Branch fundraising to acquire T-shirts
- Participation in the Third Symposium on Signal Integrity
- Organized several industrial tours

Successes

- The Section won second place for the number of high school visitations for the year and received a Certificate
- Dr. Aldo Morales, from Penn State Harrisburg, obtained the Technical Achievement Award
- Jason Piatt, from Praestar Technology Corporation, received the Young Engineer of the Year award.
- All awards were from the Central Pennsylvania EngineersWeek Council

Backup Slides

- ▣ West Virginia

IEEE Region 2 – WV Section

Dr. Mark Stecker, Vic Chair
April 18, 2009

After two years, we had an election!

- Chair: *Asad Davari*
- Vice-Chair: *Mark Stecker*
- Secretary: *Nan Wang*
- Treasurer: *Desa Gobovic*
- Chair Consultants Network: *Edward Aractingi*
- Digital Communications Director: *Didem Kivanc-Tureli*
- Membership Development: ??

We used the vtool. electronic voting toolkit during elections

Section Activities

■ New Processes

- Reclaimed and revised Section's Web site
- Established a LinkedIn group "IEEE- West Virginia Section" and sent invitations to all the members
- Established Section History
- Increased in membership (from 119 to 137)

Section Activities

■ Meeting

- Two Section meetings another is scheduled for April 20th
- Joint technical meeting with the International Society of Automation (ISA)
- Field trip; visiting National Radio Astronomy Observatory in Green Bank WV (during summer)
- Technical meeting; invited speaker (August 2009)

- **Student design Competitions & Awards**
 - Criteria Developed
 - Monetary awards will be given as follows:
First place-\$500,Second place-\$300,Third place-\$200
 - 8 Projects are submitted
 - Will have award banquet

Affinity Groups' Activities

- Consultants Network
- Ed Aractingi is the chair
- Working with Gary Blank the National Chair of the AICN (Alliance of IEEE Consultants Networks)
- We are planning on "Why every Section should have a Consultants Network" followed by a 6-hour seminar on "How to Start or Expand a Successful Consulting Practice."

Other Notable Activities

- **Joint meetings with other professional societies:**
 - Contacted ASME Section for joint meeting**
 - Had meeting with the International Society of Automation (ISA)**

Student Branch

- Dr. Uf Tureli (IEEE member) is the new faculty advisor
- The new advisor, invites/ encourage students from ECE, EET, Math, Physics and Computer science to join IEEE and send emails to program directors at WVU Tech and Marshall University to unite IEEE Student members under Tech Student Chapter

WVU Tech Student Chapter

- Work with WV Section on Sponsoring student projects
 - 4 students from Tech chapter sent projects abstracts to WV Section Competition April 1
 - 13 IEEE student member team from WVU Tech Chapter registered to IEEE Region 2 Student Activities Conference April 18

WVU Tech Student Chapter Detailed

- New Student Chapter Officers Elected
March 26
- In IEEE Region II Activities Conference
April 18
 - 2 teams of four students Brown Bag
 - 1 team of three Ethics
 - 4 students in Project Showcase
 - 4 students in Paper Showcase Competitions

Difficulties/Concerns

- ⑩ **lack of participation of members-Due to inactivity and idleness of the Section for more than two years**
- ⑩ **Lack of industry support, (we have to work on this).**
- ⑩ **?????**