



THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

## Baltimore Section

Executive Committee Meeting Report  
October 15, 2007



This report summarizes the meeting of the IEEE Baltimore Section Executive Committee (ExCom) held on September 10, 2007. Appendix 1 is the September 2007 ExCom Meeting Agenda.

### 1 Introductions

Bill Semancik called the meeting to order. At this time Bill informed all that Bob Cuellar had resigned as Chairman of the Baltimore Section as a result of the Fellowship that he had received. As a result of Bob's resignation, Bill is Acting Chair of the Baltimore Section. A general introduction of attendees followed. There were 14 IEEE members in attendance. Appendix 2 is a listing of all attendees.

### 2 Executive Reports

#### 2.1 Chair Report (Bill Semancik, Acting)

- Nothing general to report. Specific topical information to be presented during Discussion Topics segment.

#### 2.2 Vice Chair Report (Vacant)

#### 2.3 Treasurer Report (Helen Garrison)

- Account balance for Baltimore Section as of 9/1/2007 is \$67,850.30.
- Expense Reports for PACE meeting held over Labor Day weekend are due by 30 September.

#### 2.4 Secretary Report (Dave Kisak)

- Summary information of L31's filed by the Chapters and Affinity Groups of the Baltimore Section:

SubName	Society	L31's Filed
AES	Aerospace and Electronics Systems	0
AP/MTT	Antennas and Propagation / Microwave Theory and Techniques	0
AS	Annapolis Subsection	0
Baltimore	Baltimore Section	6
COM	Communications	0
CS	Computer Society	0
E25 Jt. Balt/WA		1
ED15/SSC37	Electron Devices / Solid State Circuits	6

EMB	Engineering in Medicine and Biology	0
EMC	Electromagnetic Compatibility	0
GOLD	Graduates Of Last Decade	5
IA34	Industry Applications	8
LEO36	Lasers and Electro-Optics	4
PE31	Power Engineering	6
PEL35	Power Electronics	5
R07	Reliability	1
SP01	Signal Processing	3
WIE	Women In Engineering	4

### 3 Discussion Topics

#### 3.1 Summary of PACE Conference held in Phoenix over Labor Day Weekend

- Helen Garrison and Rachel Andre, GOLD Chair, attended. Trip reports are due by 30 September.
- Membership Growth and Pre-College (K – 12) Education topics are focus for Region 2. Other topics were Improving Communication and Innovation.
- Breakout Session: GOLD
  - Rachel Andre followed this breakout session
  - Topics included Transition to Management
  - Communications with Student Members\
  - Podcast is possible – Region 1 has Podcast equipment that others can use. See Region 1 website for Podcast examples.
- PACE presentations are to appear on the IEEE USA website.
- Regions 1 through 6, all USA, are experiencing dwindling membership – Teachers and counselors are not recommending engineering to students.
- Innovation: New products and new business practices need to be advanced.
- SPAC (Student Professional Awareness Conference): Joe Burns is SPAC coordinator. Student-run conference – anything but presentations.
- Relationship building between students and professionals. GOLD and Student Chapters to talk to students; is consistent with TISP (Teacher In-Service Program) recommendations but contrary to Region Leadership recommendations.
- Finding Internships for engineering students. Work to improve career search webpage and try to improve by 1 December. Rachel Andre to work with Philadelphia Chapter of GOLD.

### **3.2 Outbrief of R2 Teacher In-Service Program Training Session Held September 7 – 8**

- Bill Semancik and Neville Jacobs lead this effort.
- Approximately 45 people, including educators and organizers, were in attendance. Seven or eight of the 20 Sections in Region 2 were represented.
- Two activities:
  - Small motor kit demonstrates electricity and magnetism
  - Building a robot arm from miscellaneous components had strongest interest because it is a discovery and innovation based project
- Target spring 2008 for invitations to teacher's in-service meetings; Baltimore County Administrator was enthused.
- Comments from Washington, D.C. schools:
  - Major changes in education are taking place.
  - Teach according to standards – No Child Left Behind
- Baltimore Section next action: Prepare for future in-service day. Need to identify school district and individuals for contact. Need to establish first contact, including visiting a school district.
- Bill Semancik to start process.

### **3.3 Status of Communications Society, Computer Society, and Aerospace and Electronics chapters in Baltimore Section**

- Communications Society: Thad Welch left and resigned Chairmanship. Julie Medlin is Treasurer and Gary Tartanian is Acting Chair. No activity occurring in the chapter. Bill Semancik took action to contact Brian Womack regarding reviving the Communications Society Chapter.
- Computer Society: Boniface Nwugwo to resign Chairmanship.
- Aerospace and Electronics Systems Society:
  - Chapter has been in trouble for four years; one and a half years of no activity.
  - IEEE National wants to shut down the chapter.
  - Brian Womack says that he will work to revive chapter.
- Annapolis Subsection is also in trouble. Bill Semancik to call Noel Castiglia, Secretary/Treasurer, for status information.
- Industry Applications Society is in good shape. Section needs to learn the networking model established by IAS.

### **3.4 Discussion on IEEE-USA Innovation Institute meeting Ralph Wyndrum is planning for November in the local area**

- Bill Semancik is arguing that Ralph Wyndrum's focus is to recreate Bell Labs model for innovation

### **3.5 IEEE's Expert Now Program**

- Jeff Friedhoffer is leading this activity for the Baltimore Section.
- Expert Now is a collection of recorded presentations that are one hour in length.
- IEEE stipend of \$5000 to create an Expert Now program.

### **3.6 Discussion on conference commitments over the next few months**

- Vehicular Technology Conference at end of September.
- GlobeCom in November; Jeff Friedhoffer is coordinating.
- Newsletter should include a section that lists conferences.

## **4 Old Business/Action Item Review**

- Nothing to report.

## **5 New Business**

- Nothing to report.

## **6 Report Highlights from Directors and Chapter Chairs, R2 Area Chair**

- Hayes Smith, Chair IAS
  - September starts the season. Meeting on 9/19 at Snyders – 6PM Social, 7PM Dinner, 8PM Retired General Michael Hayes discussing BRAC. September 24, Compass Point Golf Outing.
  - October Meeting: presentation on new metering systems being used by utilities.
  - November Meeting: Smart Classrooms Presentation
- Ron Aloysius
  - Newsletter – Resolve email problem
  - Signal Processing – October meeting, presentation on Ground Moving Target Indicators
- Boni Nwugwo, Chair of Computer Society

## ExCom, September 2007

- Has to resign chairmanship due to business travel requirements.
- Vice-Chair not active; Treasurer and Secretary are Active.
- Computer Society membership is on decline. At one time was 2000 members, now down to 800.
- Tayo Oyelade, Chair PES
  - Placed Second in National Website competition, tied with Pittsburgh for best in Region.
  - September 25 Meeting: Presentation on future by John McDonald of Kemer, from Atlanta, GA.
  - Dave Kisak to get Officer Report updated to show Tayo as Chair of PES.
- Walt Willing, Chair Reliability
  - Received \$100 Chapter Award.
- Bob Berkovitz, Chair EMC
  - 32 Attendees to the EMC Expo (22 members, 10 non-members).
  - Changes to Military Standards on EMC are being developed.
  - Need to plan another meeting for fall; Lighting and Transient protection for home and office
  - Warton Club: Regulatory, Financial, Government, and Technical.
- Andrea Kraay, Chair WIE
  - Summer picnic was jointly held with GOLD; 20 attendees.
- Rachel Andre, Chair GOLD
  - Summer meetings: July, Baseball, 3 attendees; August, picnic with WIE; September, Happy Hour.
  - Looking for Professional Development
  - Planning election of officers; Technical Chapters elect officers to hold offices on a calendar year basis.
- Neville Jacob, Student Activities
  - Robot Challenge had more teams completing the courses than ever.
  - \$578 cost to Baltimore Section (versus \$7394 cost in 2006).
  - Invited to present the Robot Challenge at an International Conference in Munich, Germany, 8 through 11 November; Baltimore Section to fund half of cost.
  - Invited to present and exhibit at Team Expo at the Baltimore Museum of Industry on October 19. Attendees are mainly Technical Education teachers from Maryland Public Schools.

## ExCom, September 2007

- Robot Challenge is April 12 – 13; needing volunteers.
  - 11/14/2007: Meeting with teachers at Baltimore Museum of Industry.
  - 1/19/2007: Teacher/Mentor Training.
- Jeff Friedhoffer, Webmaster
  - Check web for currency.
  - Election of Baltimore Section Officers is coming up.
  - 11/3: Senior Member Day at Historic Electronics Museum
    - This is drive to elevate members to Senior Member status.

## 7 New Action Item Summary

AI No.	Action Item Description	Assignee	Status
1	Forward Email regarding JHU Student Chapter revitalization to Rachel Andre	Dave Kisak	Complete
2	Trip report for September PACE Conference	Helen Garrison, Rachel Andre	
3	TISP: Start process to get Engineering on agendas for future Teacher In-Service days	Bill Semancik	
4	Contact Brian Womack, AES Chair, regarding status of AES Chapter	Bill Semancik	
5	Contact Noel Castiglia, Annapolis Subsection, regarding status of the Subsection	Bill Semancik	
6	Update Officer Report to have Tayo Oyelade listed as Chair for PES	Dave Kisak	

## 8 Adjourn

Next meeting will be on 1 October 2007 with refreshments and casual discussion starting at 6PM at the Historic Electronics Museum in Linthicum.

## **Appendix 1: September 2007 ExCom Meeting**

### **1. Introduction**

### **2. Executive Reports**

- a. Chair (Bill Semancik)
- b. Vice Chair (Vacant)
- c. Treasurer (Helen Garrison)
- d. Secretary (Dave Kisak)

### **3. Discussion Topics**

- Summary of PACE Conference held in Phoenix over Labor Day Weekend
- Outbrief of R2 Teacher In-Service Program Training Session held Sept 7 - 8
- Status of Communications Society, Computer Society, and Aerospace and Electronics chapters in Baltimore Section
- Discussion on IEEE-USA Innovation Institute meeting Ralph Wyndrum is planning for November in the local area
- IEEE's Expert Now Program
- Discussion on conference commitments over the next few months

### **4. Old Business/Action Item Review**

### **5. New Business**

### **6. Report Highlights from Directors and Chapter Chairs, R2 Area Chair**

- Presentations by attendees.

### **7. New Action Item Summary**

- New Action Items, Owners, and Response Dates

### **8. Adjourn**

- Next meeting will be on 1 October 2007 with refreshments and casual discussion starting at 6PM at the Historic Electronics Museum in Linthicum.

## Appendix 2: June 2007 ExCom Meeting Attendees

<b>Name</b>	<b>Position</b>	<b>Member</b>	<b>E-mail</b>
Bill Semancik	Chair	Yes	<a href="mailto:wsemancik@ieee.org">wsemancik@ieee.org</a>
Dave Kisak	Secretary	Yes	<a href="mailto:dkisak@ieee.org">dkisak@ieee.org</a>
Helen Garrison	Treasurer	Yes	<a href="mailto:helengarrison@ieee.org">helengarrison@ieee.org</a>
Jeff Friedhoffer	Web Master	Yes	<a href="mailto:jafried@ieee.org">jafried@ieee.org</a>
Neville Jacobs	Student Activities	Yes	<a href="mailto:nevilleed@aol.com">nevilleed@aol.com</a>
Rachel Andre	Chair - GOLD	Yes	<a href="mailto:andrer@gmail.com">andrer@gmail.com</a>
Walt Willing	Chair - Reliability	Yes	<a href="mailto:waltwilling@ieee.org">waltwilling@ieee.org</a>
Brian Sequeira	Past Chair	Yes	<a href="mailto:brian.sequeira@ieee.org">brian.sequeira@ieee.org</a>
Ron Aloysius	Newsletter, SP Chair	Yes	<a href="mailto:ronald_aloysius@ieee.org">ronald_aloysius@ieee.org</a>
Hayes Smith	Chair - IAS	Yes	<a href="mailto:hsw@esamd.com">hsw@esamd.com</a>
Andrea Kraay	Chair - WIE	Yes	<a href="mailto:akraay@alum.mit.edu">akraay@alum.mit.edu</a>
Robert Berkovitz	Chair - EMC	Yes	<a href="mailto:rjberkov@ieee.org">rjberkov@ieee.org</a>
Boniface Nwugwo	Chair - CS	Yes	<a href="mailto:bnwugwo@ieee.org">bnwugwo@ieee.org</a>
Tayo Oyelade	Chair - PES	Yes	<a href="mailto:olutayo.oyelade@constellation.com">olutayo.oyelade@constellation.com</a>