THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

Baltimore Section

April Executive Committee Meeting Report

April 16th, 2012

This report summarizes the IEEE Baltimore Section Executive Committee (ExCom) meeting held on April 16, 2012 at the National Electronics Museum (NEM), Linthicum, MD (http://www.nationalelectronicsmuseum.org). 17 IEEE members attended, there were no visitors. Appendix 1 is the meeting agenda, Appendix 2 is a list of meeting attendees and Appendix 3 is the Student Activities Status.

1. INTRODUCTIONS

Walt Willing called the meeting to order 6:30
Round table, meeting attendees introduced themselves.

2. APPROVAL OF MINUTES

Motion made by Collin to approve March 2012 EXCOM minutes
Second: Mike Perini
Motion approved

Nov, Dec 2011 (Alan) – not here to speak to
Still looking for copies of April and October 2010 minutes for posting to Website

3. EXECUTIVE REPORTS

1) Chair – Walt Willing
2) Vice Chair - Dave Price
3) Treasurer / Financial Report Summary – Collin Krepps
4) Secretary – Kate Duncan

4. NEW BUSINESS

1). 2012 IEEE Region 2 Student Activities Conference (OSU, April 28, 2012)
Request for Donation - (21 students participating from University of Md and Morgan State Unv.)
From Gilburt Chiang (gilburt1288@gmail.com) – Payment: If you would like to send donations, please make all checks payable to (with a clear indication that is to support the IEEE Region 2 Student Activities Conference) Gerard Christman, IEEE R2 Treasurer 6109 Berlee Drive Alexandria, VA 22312.

Motion made by Neville to donate $1k for the Region 2 SAC conference
Second: Carol
Motion approved

2). IEEE FINACIAL RECORDS CHANGES - NetSuite
Changes are coming for section and chapter finances. IEEE headquarters is requiring all units to begin tracking financial transactions through NetSuite.

For the chapters, need to take a hard look at which ones are big enough or want to be independent so much that they should handle their own finances including NetSuite ledger entry and L50 compliance. The rest of the chapters will need to consolidate into the section account.

3) 2012 Sea Perch Robot Challenge (April 11-13, 2012) Request up to $500 to support from Baltimore Section (to match R2 request). E-mail Vote by ExCom approved the $500 request.

http://www.seaperch.org/seaperch_challenge

Carole - status
March 26
100 students competed
Sponsored EMB
Section not sponsoring April event

Monica from NoVA section is the upcoming editor and chief of the NoVA scanner

1) Requested a Baltimore liaison
   a. Carole proposed Ron A as the liaison

Carole requested that Walt request IAS to appoint Ming Ming as IAS PACE Chair

4) Baltimore Section Website Updates (http://ewh.ieee.org/r2/baltimore/)

Ed Colbert updated portions of the Baltimore Section website:

Added "Welcome New Members" link
Deleted old information in the "Local Events" Link
Delete the "Secretary Guidelines" link as that procedure is OBE now that VTools is in place.
Delete the "Treasurer Guidelines" link as those procedures have also changed.
Deleted old names in the New Senior Members Link,
Deleted "Up-Coming Meetings Link" on the left is now obsolete since Vtools is on line.

Need to update the information for the "Student's" Link

Does anyone know the Faculty Advisors and/or Student Leaders for the following schools?
JHU, Naval Academy, UMBC, Morgan State, Loyola, UMES, BCCC ?

Information received from JHU and Loyola

GOLD chair (Ryan) will forward the information to Walt on current student leaders and faculty advisors

5) IEEE Member Discounts – "Spread the Word"

Member Discounts is the portfolio of group insurance and sponsored programs that brings quality products and services to IEEE members at discounted group rates. In addition to the savings opportunities afforded to IEEE members, this program benefits IEEE as well in the form of royalties earned from program utilization. The IEEE is asking Sections to "Spread the Word" about Member Discounts.
http://www.ieee.org/membership_services/membership/discounts/index.html

6) New SAMIEEE procedures / Video instructions to be issue 4/16/12

7) WATTS NEW "Headlines" – INFO

1. Signal Processing / Aerospace and Electronic Systems Meeting
   April 18 - Introduction to Space-Time Adaptive Processing (STAP) for Airborne Radar

2. Communications Society Meeting
   April 10 - Free-Space Optical Communication Links: An Overview
3. IEEE Baltimore Power & Energy Society Dinner and Lecture
   April 18 - Life After the Northeast Blackout
4. IEEE Industry Applications Society (IAS) Dinner Meeting
   April 18 - Large Scale Photovoltaic Solar Energy Systems
5. IEEE Industry Applications Society (IAS) One-Day Seminar/Tutorial
   April 25 - Electrical Distribution System Fault Analysis
6. IEEE Industry Applications Society Baltimore Section $4,000 Book Award
   Application Deadline: April 30, 2012 - Robert Banas (rbanas@leachwallace.com)
7. Robot Challenge - April 14th & 15th (www.robotchallenge.com
8. Continuing Education – Course ideas wanted - Boris Gramatikov (Bgramat@jhmi.edu)
9. IEEE International Network Science Workshop
   Aberdeen - June 13-15, (http://ieee-nsw.org)
10. IEEE Educational Activities Board (EAB) Information
11. IEEE Award for Distinguished Ethical Practices
    http://www.ieee.org/about/ethics/ethics_award.html.
12. Congressional Visits Day 2012 - April 24-25
    Annual two-day event that brings scientists, engineers, researchers, educators, and technology executives to Washington to raise visibility and support for science, engineering, and technology
    http://www.ieeeusa.org/policy/cvd/default.asp
13. Fourth Annual Energy Fly-In
    IEEE members with an interest in Energy Policy invited to come to Washington for the Fourth Annual Energy Fly-In. This unique event gives IEEE members an unparalleled opportunity to directly influence the direction of Energy Policy in Washington
    http://www.ieeeusa.org/policy/energy-flyin/default.asp
14. EMB/WIE June 2nd topic electronic health records

5 OLD BUSINESS

1) 2012 Chapter Chair's Dinner – Wed May 9th / Snyder's

Approved Budget ($6.5K)

- **Speaker selection (Bill) - Sarah Bergbeiter micro robot is her research area – self propelled robots**

Blank Certificates / Pin Received (Walt) – still needed certificates and plaques

Print Certificates (Dave K)

Issue invitations (Dave K) – invitations are out

Gift selection (Mini Flashlight/Tool) (Bill)

Still need to be completed:

Total number of attendees

Certificates and plaques

Completed tasks:

Invites have been sent

Confirmed speaker

2) R2 Metro Area Workshop (Baltimore MD – Nov 2/3 2012 – Westin BWI)

Anna - Chair **Status**

Planning Meetings Underway

Initial Agenda developed

Major Tasks: Local Marketing, Website Liaison, Sponsor, Plenary etc. and attendance at ongoing Local MAW meetings.
Please let Anna know if you are willing to help (suggest role) with the MAW
Request sent to Senator Barbara Mikulski (Speaker)

3) B&O Railroad Howard St. Tunnel Electrification 100 Yr Anniversary (Anna) - Status

Ceremony – **Thursday June 21st** (5:30pm to 8:00pm) at the B&O Railroad Museum
Funds approved
Will be inviting R2 and National IEEE officers, also planning to have the TV and/or the news.
We also have to cover the expenses for 2 members of the committee who are located at New York (members of the IEEE History society).
Additional sponsorship from industry would be welcome (CSX, etc.)

- Museum has cater
-

4) IEEE-USA Annual Meeting 3-6 May 2012 Cincinnati, Ohio

http://www.ieeeusa.org/calendar/conferences/annualmeeting/2012/default.asp
Baltimore Section attendees:
Kate Duncan – Primary Delegate
Richard Ravenell (Gold Vice Chair)
Poster Preparation – Ryan & Richard, Both a Section and Gold Poster planned
Agenda / Sessions to be attended

Preapproved $100 for table and 2 posters $50/ posters

5) **IEEE Educational Activities Board (EAB)** seeking nominations for the 2012 awards
Deadline 30 April 2012. http://www.ieee.org/eab-awards
Walt to submit nomination for Northrop Grumman

NG sponsors this museum, student activities, …

6) **2nd IEEE International Network Science Workshop** (NSW2012)
Aberdeen, Maryland June 13-15, 2012. http://ieee-nsw.org
If Baltimore Section wants to be involved contact Jack Cole - NSW2012 general chair.
ieee.cole@gmail.com / 410-688-1621

Check if it is 2012 or 2013

7) **Donation of new projector to NEM** (Dave) – Status

8) Sr. Member Event – Fall? (Alan & Jeff)
Walt will take over for the Fall, asked to have all support
Use drop box – resume and three write ups for the member looking to elevate

9) **Power & Energy Course** (Joint with PES)
Alan to work with Josh to set up course. Boris can help with coordination with the IEEE.
Possible course in the MAW
Will coordinate with Metro area workshop

10) **Robot Challenge Status** (Neville, Jay)
www.robotchallege.com, April 14th and 15th
Summary Report – Neville
See Appendix 3

11) **Society Chapter Reports**

IEEE EDS/SSCS societies - Victor Veliadis.

- Mini-Colloquium scheduled for 9/25/12 - energy scavenging, all day event $3000 funded by IEEE for four speakers ARL sponsored. University of MD College park
- Seminar on Head Mounted Displays scheduled for 4/23/12. 5:30 at

Jack U Davis lunch 11:30 start LCP for RF 4/24
Ron News letters
Richard GOLD picnic
JHU would like to meet with GOLD in a social event

Motion to Adjourn: Bill S
Second: Jack Scolfield
8:15

Appendix 1: Meeting Agenda

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

Baltimore Section

Executive Committee Agenda

April 16th, 2012

1. INTRODUCTIONS

2. APPROVAL OF MINUTES

March 2012
Nov, Dec 2011 (Alan)
Still looking for copies of April and October 2010 minutes for posting to Website

3. EXECUTIVE REPORTS

5) Chair – Walt Willing
6) Vice Chair - Dave Price
7) Treasurer / Financial Report Summary – Collin Krepps
8) Secretary – Kate Duncan

4. NEW BUSINESS

1). 2012 IEEE Region 2 Student Activities Conference (OSU, April 28, 2012)
Request for Donation - (21 students participating from University of Md and Morgan State Unv.)
From Gilburt Chiang (gilburt1288@gmail.com) – Payment: If you would like to send donations, please make all checks payable to (with a clear indication that is to support the IEEE Region 2 Student Activities Conference) Gerard Christman, IEEE R2 Treasurer 6109 Berlee Drive Alexandria, VA 22312.

2). IEEE FINACIAL RECORDS CHANGES - NetSuite
Changes are coming for section and chapter finances. IEEE headquarters is requiring all units to begin tracking financial transactions through NetSuite.
For the chapters, need to take a hard look at which ones are big enough or want to be independent so much that they should handle their own finances including NetSuite ledger entry and L50 compliance. The rest of the chapters will need to consolidate into the section account.

3) 2012 Sea Perch Robot Challenge (April 11-13, 2012) Request up to $500 to support from Baltimore Section (to match R2 request). E-mail Vote by ExCom approved the $500 request.
http://www.seaperch.org/seaperch_challenge
Status (Carole?)

8) Baltimore Section Website Updates (http://ewh.ieee.org/r2/baltimore/)

Ed Colbert updated portions of the Baltimore Section website:

Added "Welcome New Members" link
Deleted old information in the "Local Events" Link
Delete the "Secretary Guidelines" link as that procedure is OBE now that VTools is in place.
Delete the "Treasurer Guidelines" link as those procedures have also changed.
Deleted old names in the New Senior Members Link,
Deleted "Up-Coming Meetings Link" on the left is now obsolete since Vtools is on line.

Need to update the information for the "Student's" Link

Does anyone know the Faculty Advisors and/or Student Leaders for the following schools?
JHU, Naval Academy, UMBC, Morgan State, Loyola, UMES, BCCC ?

Information received from JHU and Loyola

9) IEEE Member Discounts – "Spread the Word"

Member Discounts is the portfolio of group insurance and sponsored programs that brings quality products and services to IEEE members at discounted group rates. In addition to the savings opportunities afforded to IEEE members, this program benefits IEEE as well in the form of royalties earned from program utilization. The IEEE is asking Sections to "Spread the Word" about Member Discounts.
http://www.ieee.org/membership_services/membership/discounts/index.html

10) New SAMIEEE procedures / Video instructions to be issue 4/16/12

11) WATTS NEW "Headlines" – INFO

1. Signal Processing / Aerospace and Electronic Systems Meeting
   April 18 - Introduction to Space-Time Adaptive Processing (STAP) for Airborne Radar
2. Communications Society Meeting
   April 10 - Free-Space Optical Communication Links: An Overview
3. IEEE Baltimore Power & Energy Society Dinner and Lecture
   April 18 - Life After the Northeast Blackout
4. IEEE Industry Applications Society (IAS) Dinner Meeting
   April 18 - Large Scale Photovoltaic Solar Energy Systems
5. IEEE Industry Applications Society (IAS) One-Day Seminar/Tutorial
   April 25 - Electrical Distribution System Fault Analysis
6. IEEE Industry Applications Society Baltimore Section $4,000 Book Award
   Application Deadline: April 30, 2012 - Robert Banas (rbanas@leachwallace.com)
7. Robot Challenge - April 14th & 15th (www.robotchallenge.com
8. Continuing Education – Course ideas wanted - Boris Gramatikov (Bgramat@jhmi.edu)
9. IEEE International Network Science Workshop
   Aberdeen - June 13-15, (http://ieee-nsw.org)
10. IEEE Educational Activities Board (EAB) Information
11. IEEE Award for Distinguished Ethical Practices
    http://www.ieee.org/about/ethics/ethics_award.html.
12. Congressional Visits Day 2012 - April 24-25
    Annual two-day event that brings scientists, engineers, researchers, educators, and technology executives to Washington to raise visibility and support for science, engineering, and technology
    http://www.ieeeusa.org/policy/cvd/default.asp
13. Fourth Annual Energy Fly-In

IEEE members with an interest in Energy Policy invited to come to Washington for the Fourth Annual Energy Fly-In. This unique event gives IEEE members an unparalleled opportunity to directly influence the direction of Energy Policy in Washington
http://www.ieeeusa.org/policy/energy-flyin/default.asp

5 OLD BUSINESS

2) 2012 Chapter Chair's Dinner – Wed May 9th / Snyder's

Approved Budget ($6.5K)
Speaker selection (Bill)
Blank Certificates / Pin Received (Walt)
Print Certificates (Dave K)
Issue invitations (Dave K)
Gift selection (Mini Flashlight/Tool) (Bill)

2) R2 Metro Area Workshop (Baltimore MD – Nov 2/3 2012 – Westin BWI)

Anna - Chair **Status**
Planning Meetings Underway
Initial Agenda developed
Major Tasks: Local Marketing, Website Liaison, Sponsor, Plenary etc. and attendance at ongoing Local MAW meetings.
Please let Anna know if you are willing to help (suggest role) with the MAW
Request sent to Senator Barbara Mikulski (Speaker)

8) B&O Railroad Howard St. Tunnel Electrification 100 Yr Anniversary (Anna) - Status

Ceremony – **Thursday June 21st** (4:00pm to 8:00pm) at the B&O Railroad Museum
Funds approved
Will be inviting R2 and National IEEE officers, also planning to have the TV and/or the news.
We also have to cover the expenses for 2 members of the committee who are located at New York (members of the IEEE History society).
Additional sponsorship from industry would be welcome (CSX, etc.)

9) IEEE-USA Annual Meeting 3-6 May 2012 Cincinnati, Ohio

http://www.ieeeusa.org/calendar/conferences/annualmeeting/2012/default.asp
Baltimore Section attendees:
Kate Duncan – Primary Delegate
Richard Ravenell (Gold Vice Chair)
Poster Preparation – Ryan & Richard, Both a Section and Gold Poster planned
Agenda / Sessions to be attended

10)**IEEE Educational Activities Board (EAB**) seeking nominations for the 2012 awards
Deadline 30 April 2012. http://www.ieee.org/eab-awards
Walt to submit nomination for Northrop Grumman

11)**2nd IEEE International Network Science Workshop** (NSW2012)
Aberdeen, Maryland June 13-15, 2012. http://ieee-nsw.org
If Baltimore Section wants to be involved contact Jack Cole - NSW2012 general chair.
ieee.cole@gmail.com / 410-688-1621

7) **Donation of new projector to NEM** (Dave) - Status

9) Sr. Member Event – Fall? (Alan & Jeff)

9) **Power & Energy Course** (Joint with PES)
Alan to work with Josh to set up course. Boris can help with coordination with the IEEE.
Possible course in the MAW

10) **Robot Challenge Status** (Neville, Jay)
www.robotchallege.com, April 14th and 15th
Summary Report - Neville

11) **Society Chapter Reports**

IEEE EDS/SSCS societies - Victor Veliadis.
Mini-Colloquium scheduled for 9/25/12
Seminar on Head Mounted Displays scheduled for 4/23/12.

Adjourn

Appendix 2: April 2012 Baltimore ExCom Meeting Attendees

NAME	Position	Member (Y/N)	Email
Walt Willing	Chair	Y	waltwilling@ieee.org
Collin Krepps	Treasurer	y	krepps@ieee.org
Kate Duncan	Secretary	y	kduncan@ieee.org
Ryan Janak	GOLD Chair	y	ryanjanak21@gmail.com
Neville Jacobs	Student Activities Chair	y	Nevilleed@aol.com
Jay Gamerman	Student Activities Vice Chair	y	jay.gamerman@ieee.org
Ron Aloysius	Newsletter / SP Chair	y	ronald_aloysius@ieee.org
Carole C. Carey	EMB / PACE Chair	y	c.carey-at-ieee.org
Bill Semancik	AWARDS	y	wsemancik@ieee.org
Richard Ravenell	GOLD Vice Chair	y	richardravenell@ieee.org
Victor Veliadis	Co Chair EDS and SCC	Y	victor.veliadis@ngc.com
Jack Schofield	Chair APS / MTT	Y	johngs@comcast.net
Mingming Liu		Y	mmliu@rtll.com
Mike Perini		y	mperini@prodigy.net
Ray Mohan		y	mohan.ray@ngc.com
Barin Nag		y	Barin.nag@ngc.com
Mike Ramirez		y	miguel.ramirez@ngc.com

Appendix 3: Student Activities Status

Status Student Activities 4-16-12

We've just completed the 16th Robot Challenge. The written Reports were probably the best we've read, but many of the robots were not as robust, and needed serious help from the wizards at the PIT.

58 Written Reports were submitted, 45 teams participated in all events for 2-leg robots and 6 teams participated in all events for 4-leg teams, for a total of 51 teams. This compared with 32 2-leg teams and 13 4-leg teams, for a total of 46 teams last year.

In the 2-leg Manual category, in
1st Place was Team 18, Team Maryland form Wilde Lake High School, with a total of 87.5 points.
2nd Place was Team 22, Roborilla, also from Wilde Lake High School, with a total of 80 points.
3rd Place was Team 48, U. of California Santa Cruz, from Charles H. Flowers, with a total of 74.5 points.

In the 4-leg Manual category, in
1st Place was Team 105, Phineas and Ferb, Maryvale Prep, with a total of 62.5 points.
2nd Place was Team 106, Team Bred, from Charles H. Flowers, with a total of 61.5 points.
3rd Place was Team 104, Robomagic, Maryvale Prep, with a total of 51 points.

In the 2-leg Overall category, in
1st Place was Team 11, Team Sickos, Beth Tfiloh, with a total of 102 points.
2nd Place was Team 18, Team Maryland from Wilde Lake High School, with a total of 87.5 points.
3rd Place was Team 62, Super Special Awesome, Arundel High School, with a total of 87.5 points.

In the 4-leg Overall category, in
1st Place was Team 103, March of the Penguins, Beth Tfiloh, with a total of 88.5 points.
2nd Place was Team 102, Pirates, Beth Tfiloh, with a total of 80 points.
3rd Place was Team 105, Phineas and Fern, Maryvale Prep, with a total of 62.5 points.

Scoring was good but a little rushed as the Museum had functions immediately following our event, both days, and caterers were coming in to prepare the floors and tables. One error in the scoring was attributed to this rush, but it was worked out after the sheets were reviewed.

The awards presentations were a little smoother than last year, but there is still room for improvement. For more details go to our web-page www.robotchallenge.com.

Neville Jacobs