



THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

Baltimore Section

September Executive Committee Meeting Report

April 8, 2013

This report summarizes the proceedings of the IEEE Baltimore Section Executive Committee (ExCom) meeting held on April 8, 2013 at the National Electronics Museum (NEM, <http://www.nationalelectronicmuseum.org>), Linthicum, MD.

Appendices include the following:

- Appendix 1 - Meeting agenda (10 IEEE members attended, there were no visitors)
- Appendix 2 - Meeting attendees list
- Appendix 3 - Status of student activities.

1. CALL to ORDER & INTRODUCTIONS

Dave Price (Chair) called the meeting to order at 6:40 pm. Members introduced themselves.

2. APPROVAL of LAST EXCOM MINUTES

Motion made by: Brian S Seconded by: Bill S Motion approved

3. PRESENTATION of EXECUTIVE REPORTS

- Chair: Dave Price
- Vice-Chair: Collin Krepps
- Treasurer: Kate Duncan
 - The current financial condition of the Section is good.
- Secretary: Vinod Mishra
 - The February meeting minute was not sent to Chair's correct email address. It will be sent to the correct address and will be approved by email communication.

4. NEW BUSINESS

- Jeff F:
 - SAMIEE is a great tool for finding the members in a target zip code. It should be used for finding judges, mentors, etc.
 - Involvement with K-12 activities to attract young students to science and engineering is very much needed.
- Neville J:
 - Baltimore area has registered a dramatic interest in STEM activities. Members should consider getting involved and give guidance to prospective schools.

- (He left to attend another meeting.)
- Kate D:
 - The agenda of the coming 2013 PES Conference during September 10-12 is almost final. The MOU will be sent to the Chair for consideration on whether the Section should become a technical co-sponsor.
 - A co-sponsor will be expected to advertise PES conference in the Section newsletter and also try to attract local area businesses for financial sponsorship.
 - The Awards dinner will be held in May and there will be no regular ExCom meeting.
- Bill S:
 - Section should be wary of becoming a co-sponsor of events organized by entities competing with the IEEE in similar technical area.
 - Giveaways for the award dinner will be coming soon. Mary Kay has been contacted.
 - Dave.
- Dave P will contact this year's IEEE Fellows in the Baltimore area and Dave K will send invitations.
- Brian S:
 - A one-Day Professional Development Seminar will be held on May 4, Saturday at NEM, under the auspices of WIE and GOLD. There will be 3 talks.
 - "Managing Your Career Lifecycle"
 - "Planning for Retirement-Making Work Optional"
 - "10 Things You Need to Know about Tomorrow Today"

Federal Contractors and Employees will benefit especially from these talks. Volunteers will be needed.

 - The motion to give \$500 for this event to WIE and GOLD was tabled by Brian S and seconded by Jeff H. It was unanimously passed.
- Ron A: There will be a talk in June sponsored by Signal Processing Society Chapter.

5. OLD BUSINESS

- Neville J: He described his experience as organizer of the robot challenge event last weekend and presented a written report.
- Kate M: Interest in science Olympiads is increasing in Frederick County and eastern shore. Similarly there is a big need for STEM guidance.
- Kate D:
 - WIE organized a talk that attracted 14 attendees, with 3 women.
 - Ways have to be found to attract girls and women to engineering and science. Interaction with girl scouts and other affinity groups will be considered. She will also raise this issue at the Region 2 meeting which she will be attending.

6. ADJOURNMENT

Motion: Bill S

Seconded by: Brian S

Adjourned at: 8:00 pm

Appendix 1: Meeting Agenda



THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

**Baltimore Section
Executive Committee Agenda
April 8, 2013**



- 1. CALL to ORDER & INTRODUCTIONS**
- 2. APPROVAL of LAST EXCOM MINUTES**
- 3. PRESENTATION of EXECUTIVE REPORTS**
 - Chair: Dave Price
 - Vice Chair: Collin Krepps
 - Treasurer: Kate Duncan
 - Secretary: Vinod Mishra
- 4. NEW BUSINESS**
- 5. OLD BUSINESS**
- 6. ADJOURN**

Appendix 2:

April 8, 2013 Baltimore ExCom Meeting Attendees

NAME	Position	Member (Y/N)	Email
Dave Price	Chair	Y	davidprice@ieee.org
Collin Krepps	Vice Chair	y	krepps@ieee.org
Kate Duncan	Treasurer	y	kduncan@ieee.org
Vinod Mishra	Secretary	Y	vkishr@gmail.com
Ron Aloysius	Newsletter / SP Chair	y	ronald_aloysius@ieee.org
Jeff Friedhoffer	Past Chair	y	jafried@ieee.org
Jay Gamerman	Student Activities Vice Chair	y	jay.gamerman@ieee.org
Neville Jacobs	Student Activities Chair	y	Nevilleed@aol.com
Dave Kisk	Past Chair	y	dkisk@ieee.org
Kate M			
William Semancik	Past Chair	y	wsemancik@ieee.org
Brian Sequeira	Past Chair	y	brian.sequeira@ieee.org

Appendix 3: Status: Student Activities , 4-8-13

1. The Robot Challenge was held last Saturday and Sunday. 14 teams came on Saturday, and 35 teams on Sunday for a total of 49 teams from 9 schools. This compared with 51 teams last year, and 46 teams the year before.
2. Of particular interest was that of the 75 teams registered for the event, 55 turned in their Written Reports, and 49 actually showed up and performed – this was a 65% attendance, compared to 57% last year and 44% the year before – a significant improvement.
3. 14 teams completed the course, for a success rate of 29%, this was about average. The Written Reports were above average, and the robot body creations were above average - significantly improved over last year. The top points score was 91 points out of 107, a little lower than in the past, largely because our fastest manual run was 11 minutes and 16 seconds, compared to runs as low as 3 minutes and 40 seconds that we have had in the past. Our best automated run this year was 8 minutes and 37 seconds, which compared favorably with past efforts. The NEW automation boards performed quite well, but there are some software glitches that need to be corrected.
4. The Real Time scoring system performed well, and was much appreciated by participants and their parents. It still has a few quirks, but they are minor, and the final printouts were invaluable in preparing the data for the Awards presentations. The Awards ceremony went very well – significantly better than last year.
5. An unexpected problem was that since the Robot Challenge event occurred after the Spring Break for some of the schools, a number of the students' families decided to go out-of-town for the break, and did not wish to return for the Saturday event - rather they chose to attend the Sunday Challenge. Because many of the teachers were not in school, we did not hear about the changes until the last day or two. Normally, we get a third the teams attending on Sunday, with 2/3 coming on Saturday, and we assign our judges accordingly. This year, it turned out to be reversed, but our judges had other commitments. We ended up with too many judges on Saturday, and too few on Sunday.
6. Compounding the problem was that all the Automated teams came on Sunday (as usual), and they require double the Track time – so we could not release our usual number of judges to the Oral Presentations. All of the Judges and support staff did a magnificent job coping with the situation, and we ended the event at about 5:40 PM. The Awards ceremony went well, and was completed in 15 minutes.
7. The 3 leading teams for the 2-leg Manual robots were from Charles Flowers High School, with the 4th and 5th place going to Davey Home School and Notre Dame respectively. The 4-leg Manual robots were from Charles Flowers and Maryvale Prep. The 3 leading teams for the 2-leg Overall robots were from Beth Tfiloh High School, and the 4-leg Overall robots were from Beth Tfiloh and Charles Flowers.
8. There was only one submittal for the Walt Willing Essay Contest, but it was an excellent paper, written by Ivan Gramatikov, Boris' son. It was judged during the Written Reports Judging that took place on April 1, and was recommended as a \$500 prize-winner. We were disappointed that we did not get more responses from schools, but have recommended that teachers send notifications to the students' parents next year. The award will be presented at the IEEE May dinner, when we will also recognize the first place winners of the Robot Challenge.
9. A consequence of the drop in attendance on Saturday was that we were stuck with the bill by the lunch truck for the food that they were not able to sell. We signed a contract that would guarantee them \$750 in sales, including the lunches for the judges. This was no problem last year, when all we had to pay for were the lunches for the judges (about \$200), this year we had to pay \$533.

10. Expenses this month, including the charge for the lunch truck, were \$882.19.
11. We have received payments from most of the schools, with only about \$150 outstanding. We are also owed by Southern New Jersey section for the kits we have sent them. Their Robot Challenge will take place later this month.

Neville Jacobs