

IEEE Pikes Peak Section ExCom Meeting

Meeting Minutes

May 22, 2014

Present:

Name	IEEE Position
Cotton, Dave	Communications Society Chair
Garland, Mike	Power and Energy Society Chair
Gerschefske, Mark	Computer Society Chair
Hendrix, Constance	Secretary
Meredith, John	Continuing Education
Wells, Dave	Chair

Next Meeting: Next ExCom meeting planned for TBD.

I. Announcements

- Dr. Trung T. Pham, current ECE professor at the University of Talca in Chile, will be visiting our section June 13, 2014 to provide two presentations:
 - "Comparative Study of Asymmetric Encryptions using Quantitative Analysis for Decision Making" 12:00 P.M. at TBD.
 - "Recognition of Spectral Signature of Fire in Aerial Images for Detection of Forest Fire" will be presented at 6:00 P.M. at Rampart Range Campus.

An e-mail announcing his visit will be sent; all are welcome!

- The Computer Society announced Dr. Hal Berghel's presentation on government surveillance programs. This presentation will be held on July 23, 2014. Details to follow.

II. Discussion

a. USAFA Capstone Open House

- On May 7, 2014, USAF Academy's Department of Electrical and Computer Engineering held their annual Capstone Open House. The following IEEE members graciously volunteered to support the event: Cory Antosh, Mark Gerschefske, Constance Hendrix, John Santiago, Kenneth Cooper, Erin Colvin, and Michael Smith. Kudos to the

department for organizing and executing an impressive event. This year's capstones were equally remarkable. The competition was fierce, but three teams emerged as the clear winners:

- 1st: C1C Charles Armstrong - Harmonic Ionospheric Propagation Experiment
- 2nd: C1C Matthew Johnson and C1C Bogdan Oniu - Integrated Miniaturized Electrostatic Analyzer – Reflight (iMESA-R)
- 3rd: The Advanced Concept Energy System (ACES) Team – who also won the Service Academy competition against USMA and USNA:
 - C1C Jon Reasoner, Electrical Engineer, Team Lead
 - C1C Dan Levy, Electrical/Computer Engineer
 - C1C Jay DeSanctis, Computer Engineer
 - C1C Tim Walsh, Computer Engineer
 - C1C Kevin Mook, Systems Engineer Management, Team Manager
 - C1C Jacob Ceynar, Engineering Mechanics
 - C1C Jared Greene, Engineering Mechanics
 - C1C Jon Flynn, Civil Engineer
 - C1C Andrew Shea, Management

Two recommendations were provided at the end of the evening . First, cadet presentations should be limited to 10 minutes (includes Q&A). Second, certificates and some sort of swag should be provided to the winners for their efforts. The members recommended coins be made for next year's event. The members then voted on the motion to provide certificates and coins for next year's winners - ***motion passed.***

b. Scholarships

- Debora Elam wrote six \$500 scholarship checks to Colorado State University (Pueblo), University of Colorado, Colorado Springs, and Colorado Technical University (CTU). The checks were mailed, with exception of CTU, which were hand-carried to the presentation by Dave Wells. Pictures of the two CTU winners (Joseph Dattico and Margan Vlasse) with the CTU IEEE Student Branch Advisor, John Santiago, were shown at the meeting.

c. Nomination of Section Officers for 2015

- John Meredith (contact info) will be leading the nomination committee for next year's election.

d. Officer Comments

- George Proeller, who is from Columbia and currently teaches at CTU, was mentioned as a potential speaker. Recommended topic is mobile devices.
- Dave Wells will be out of town from Jan - Mar 2015.

III. Action Items

- New:
 - Constance will provide names to coin companies to Debora to arrange for purchase.
 - Items announcing Dr. Pham's visit:
 - Constance will call the Gazette and Independent newspapers, then coordinate with Debora for payment.
 - Dave Cotton will contact the Teller county Planning Commission.
 - Russ will contact the Fire Dept and Police department.
- Previous:
 - Debora will recreate budget in NetSuite.
 - Dave Wells will follow-up on Dr. Pham's visit.

Constance D. Hendrix
IEEE Pikes Peak Section
Secretary
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