

**IEEE Seattle Section  
Executive Committee Meeting Minutes**

**Date:** Tuesday, Feb 19, 2008  
**Time:** 6 - 8 p.m.  
**Place:** Overlake Round Table Pizza, Redmond

**Attendees:** Aziel Epilepsia (UW), Bill Hall (MTT), Erik Godo (Vice Chair), Maury Miller (PACE), Max Emrick (PES – via e-mail), Joe DeCuir (Chair), Brett Hanson (IAS), Steve Allen (Webmaster, Future cities)

**Meeting Minutes Approval**

- Erik completed December and January minutes and they were approved

**Chair's Report** – Joe Decuir

- **Meetings:**
  - Thanks for moving the February ExCom to the 19<sup>th</sup>
  - I have no conflict with March or May dates; I would prefer April 15 to April 8.
  - June is a mess; perhaps Erik should run the meeting without me – Erik will do that
- **Chair tasks:**
  - I represented us at the R6 OpCom in Manhattan Beach CA 1-2 February
  - Talked about giving people access to Xplore IF they create a talk/presentation once per year.
  - I plan to represent us at the 2008 Sections Congress in Quebec City 19-22 September. We may also send a second rep; Erik is willing.
  - Andrew Rees promised to complete the By-Law revision; we need a status report
  - Confirm Officer training for March 11.
  - Chair blog: see other email/handout – will be added to the website
  - ICUWB 2009 in Vancouver: we have an MOU, reviewed by IEEE, to sign – Joe is signing.
- **Secretary tasks:**
  - Mithun has been dealing with family in India (and he is soon to be married!); we expect him back in late March.
  - Erik and I (prior Secretaries) have been splitting the work.
- **Awards:**
  - We *still* need an Awards chair
  - Joe nominated Toby Nixon for PSEC Government Engineer of the Year
  - Joe needs to summarize award expenditures = Section polo shirts for volunteers
- **Technical Chapters:**
  - Verify that all L-31 meeting reports have been filed (including ExCom)
  - 2007 L-31s need to be completed **THIS WEEK Erik to check and add in the EXCOM meetings**
- **Student Activities:**
  - UW: mentor night there on January 19
  - WWU: visited on January 23
  - DeVry; visited on January 16
  - ITT Everett: no news

**Vice Chair's Report** – Erik Godo

- Spring Banquet meeting – April 19<sup>th</sup> At the Doubletree Inn – we are hosting and food all figured out
- Fall Banquet waiting for dates – we are pretty happy with Saltys so will probably be there again. Need to start working on a speaker if we want one.

**Treasurer's Report** – Dave Butcher

- Approved the 2008 budget with items added – \$2500 for engineering vision 2030 conference adding future cities up to \$2000 from \$1500 - approved.
- ECI payout – we think that is smaller than the other payments so need to check with Dave
- ITT is not a student chapter yet but we have allocated them \$750
- Cut engineering fair booth to \$200 – what we spent
- Joe will edit and send it back to them – budget is approved
- Del still has some stuff to give to Dave
- Joe wants to know what the audit status is
- L-50 was done (yay Dave!)

#### **PACE Report – Maury Miller (by e-mail)**

- Had a lot of traffic at the PSEC engineers fair. Joe brought his Atari stuff but he wants people to bring more stuff, and more handouts. A list of things for the fair needs to be put in – talked about starting a “officer area” for the web site with info like this in there
- Palisades next Saturday – Aziel is going to be a photographer, Dave, Joe, Erik going
- Maury won an award – yay Maury!
- Joe nominated Toby Nixon from his past support.

#### **Chapter Reports:**

##### **CAS/PEL – Aziel Epilepsia**

- February 28<sup>th</sup> at UW – Brian Otis PHD (Berkeley) to give talk on MEMS and RFID sensing – low power computing and sensing the world around us.
- Paul Biehl has a March talk scheduled

##### **Industrial Applications – Brett Hanson**

- Proposal for budget for the conference, about \$2000 asked for – profit currently
- In general we are in agreement we should support Voted to support with \$2500
- Planning meeting for March through May – asked Brett to check the L-31 for IAS

##### **Power Engineering – Max Emrick**

###### **PES General Education Meeting Information**

- There are no general education meetings scheduled for February or March of 2008. We are working on an April 10th meeting on burning of tires at a cement factory with a focus on the control systems and the use of energy at the plant. We have scheduled a May 15th meeting on the design and building of the Tacoma Narrows power line crossing owned by Tacoma Power. This is a 1.25 mile double circuit world class span that was rebuilt in 2007.
- **PES Northwest Energy System Symposium Update, NWESS, Feb. 21&22, 2008**
  - The local chapter of IEEE PES has opened registration on a training symposium scheduled for Feb. 21 and 22, 2008 to be held at the University of Washington. Registration is \$175 for the 1.5 day seminar. The fee includes all presentation material in a 3 ring binder and lunches and coffee breaks for Thursday and Friday. There is a Thursday evening event for the students. As of Feb. 15th, we have approximately 130 registered with 96 paid attendees and are above break even point of approximately 80 paid attendees for this conference. Students that register do not have to pay. This year's topics are:
    - Topic 1: Smart Grids
    - Topic 2: Wind Energy Compatibility, Installation and Operation
    - Topic 3: Distribution Automation
    - Topic 4: Washington State Initiative 937.
    - <http://nwess.org/>
- **PES Local Planning Committee for PSCE Meeting March 15-18th, 2009 in Seattle**

- The local PSCE 2009 planning committee for this event is having monthly meetings in 2008. The local committee's goals for 2008 are to finalize key activities to support National such as: develop theme of the conference, provide local support and volunteers, finding a key note speaker(s), identify technical and companion tours, etc. The current theme for the conference is "Next Generation Grid: Operations, Planning, Policy, Markets, Analysis and Control". The next meeting is scheduled for Feb. 28th 10am to 12:00pm, noon, at Seattle City Light. The local PES will be soliciting contributions from local energy companies, consulting and engineering firms to help support this conference. It is expected that the conference will generate some revenues for the section. The national IEEE organizing committee for this event will be here on Thursday March 20th to meet with the local planning committee. See e-mail

**MTT – Bill Hall**

- Distinguished lecturer from Intel – heterogeneous wireless devices – more functions into a single device. Working on various techniques – controlling the size of an antenna with a MEMS device so one antenna for all frequencies. So they ran out of budget – 6 people.
- When they get a commitment on the next one they will come and ask for budget.

**Student Chapters:**

**UW – Aziel Epilepsia**

- UW mentor night was a huge success
- Collecting pre-orders for T-shirts this time – have the design done
- April 17<sup>th</sup> SPAC – have a good amount of companies and sponsors
- Looking for next years officers, Aziel is graduating in Spring and interviewing

**Student Paper – Joe Decuir**

- 11 entries now
- Half came from Seattle U
- Need judges – Aziel will judge
- Will adopt Future cities approach to judging – 12 papers (one missing from list below)

<b>Team</b>	<b>School</b>	<b>Title</b>
Boyer & Clark	DeVry	Head Guided Ranging System (HGRS)
Balagtas, Halloran & Miller	Seattle U	Automated Waste Flap Door
Barit, Aschback, Howard & Yu	Seattle U	Starry Skies Ceiling Panels
Chu, Lo, Rafalovich & Roberts	Seattle U	Energy Harvesting Device for Truck Exhaust
Kurniadi, Lee, Merin & Nguong	Seattle U	RFID Patient Data Project
Krommenhoek & Ogne	SPU	Pedal Powered Generator for Rural Africa
Roberts	Seattle U	CEV Solar Array Modeling
Ryberg	Seattle U	Fabrication of Silicon-Based Molecular Electronics Devices
Sherman & Bleichner	DeVry	Number Breaker
Sanford	UW	Heuristic Distribution Protection Placement

Williams

SPU

Renewable Electricity for Rural Africa

**Future Cities** – our winner is back in Washington DC now. Steve Allen won an award – yay Steve!

**Old Business: none**

**New Business: none**

**Meeting Adjourned**

Submitted by Erik Godo