

April 2005See us on the WEB at: <http://www.ewh.ieee.org/r2/susquehanna>

April 2005 Section Meeting

April's Program

Join the IEEE Susquehanna Section's April 12 meeting to meet your colleagues and attend this month's presentation entitled "Prognostics and Health Management for Electronic Systems - a Lofty Aspiration" by Patrick Kalgren from Impact Technologies, State College, PA

- Date:** Tuesday, April 12, 2005
Time: Dinner 6:30 PM
Program 7:30 PM
Location: The Special Events Rooms, behind the cafeteria, first floor of Olmsted Building
Penn State Harrisburg
777 West Harrisburg Pike
Middletown, PA 17057
Dinner Cost: \$15, free for students with advance RSVP, no-shows will be charged \$15
Program: "Prognostics and Health Management for Electronic Systems - a Lofty Aspiration", Mr. Patrick W. Kalgren, senior project engineer at Impact Technologies, State College, PA
Contact: Dr. Aldo Morales
717-948-6379
E-mail: awm2@psu.edu
RSVP by 4/08/2005 so we can get the catering count right for our hosts.
(Please contact by email if possible)

Mr. Patrick W. Kalgren is a senior project engineer at Impact Technologies. Patrick has a 20-year background in mechanical and electronic system analysis, diagnosis and repair. While previously employed by PSU ARL, Patrick researched automated classifiers and developed performance tests to assess cross data type performance. At Impact, he has developed advanced signal processing, applied AI techniques to fault classification, researched advanced database design, and supervised various software projects related to vehicle health management. Patrick has a B.S. degree in Computer Engineering from Penn State University and is a member of Tau Beta Pi, IEEE, the IEEE Computer Society, and the IEEE Standards Association.

Directions

The entrance to Penn State Harrisburg is located on PA 230, west of Middletown. There are several visitor parking spots available in the lot north of the Olmsted building.

From PA Turnpike (I-76): Get off at exit 247 (Harrisburg

East). Follow PA 283 East toward the Harrisburg International Airport. Follow signs for the airport and the college. Before entering the airport complex, take the exit for PA 230. Turn left at the junction of 230. Proceed on 230 East approximately 1 mile. The college entrance is on the left.

From Lancaster and Points East: Take Route 283 West toward Harrisburg. Follow signs for the airport and the college. Before entering the airport complex, take the exit for PA 230. Turn left at the junction of 230. Proceed on 230 East approximately 1 mile. The college entrance is on the left.

From Harrisburg and Points North: Follow signs for Harrisburg International Airport/283 East. Take 283 East to the Harrisburg International Airport exit. Follow signs for the airport and the college. Before entering the airport complex, take the exit for PA 230. Turn left at the junction of 230. Proceed on 230 East approximately 1 mile. The college entrance is on the left.

You can access other directions to Penn State Harrisburg at <http://www.hbg.psu.edu/hbg/textdirections.html> and find campus maps at <http://www.hbg.psu.edu/hbg/campusmap/>.



March's Section Meeting

The IEEE Susquehanna Section's March meeting was held at Elizabethtown College on 03/15/2005. Total numbers of attendants were 45 for dinner and 48 for presentation. Among the dinner participants were 14 IEEE members and one IEEE student member.

Engineers Week Banquet

Despite a winter white-out type storm, approximately 175 hearty souls made it to the West Shore Country Club on Thursday, Feb 24th for the Engineers' Week Banquet. While the engineering comradery was excellent, unfortunately, both our own Dr. Omid Ansary, the recipient of the Technical Achievement Award and the guest speaker were among the folks that were unable to make the event. Fortunately, Dr. Jerry Shoup filled in for Dr Ansary, and the IEEE was appropriately recognized for having such an outstanding and deserving member. Congratulations again Omid!

Next year, Larry M Brown PE (IEEE Senior Member), will serve the Central Penn Engineers' Week Council as the Vice Chair along with our long-time council representative, Bob Klinger. Hopefully, with a little help and influence, the IEEE will have another successful award recipient next year, and the weather will cooperate a bit more!

Engineers Spreading the Word

Larry Brown, Professional Engineer and Past Chair of the Susquehanna Section, was caught in the act presenting two sessions on the Computer Engineering field to approximately forty high school students from about ten high school districts. The presentations were part of the Harrisburg Area Community College (HACC) Engineers' Week Program. Thanks to Larry and maybe some of the students will follow engineering or technical careers.



The IEEE Susquehanna Section contributed a lot toward Engineer's week, the Dinner, HACC visit, and the mall display at Colonial Park. We handed out about 40 IEEE membership applications and about 25 student Applications at the mall.

Senior Member Upgrades

IEEE is pleased to announce that Stanley A. Telson in the Susquehanna Section was elevated to Senior Member in February, 2005. Stan is our Co-Vice-Chair handling Programs for the first half of this year, and was sponsored by the Section.

He also heads up our Consultants Network Affinity Group. His affiliation is Engineering in Medicine and Biology Society. Our best congratulations to Stan Telson!

Engineers Week in The Patriot News

Feb 22nd issue of The Patriot News had a special supplement section "Engineers Make a World of Difference". We are glad that a few mentioning of our members and their activities and achievements appeared in the issue:

- Page 2 - A group picture of the Central PA Engineers Week Council (among those Larry Brown and Bob Klinger) was shown.
- Page 5 - A small introduction to the IEEE was presented.
- Page 6 - An article entitled "Signal integrity is important for central Pennsylvania", by Sedig Agili and Aldo Morales was included.
- Page 10 included an article and a picture of Omid Ansary, the winner of the 2005 Technical Achievement Award from the Central Pennsylvania Engineers Week Council (CPEWC).



Dr. Ansary is a senior member of the IEEE and the director of the School of Science, Engineering, and Technology at Penn State Capital College. He has served there since August 1985 at various capacities including development of various undergraduate and graduate courses and promoting emerging technologies, research, and education in Electrical Engineering and Electrical Engineering Technology. A brief summary of Dr. Ansary's professional biography and achievements was provided in the above-mentioned article.

Students Seeking Summer Jobs

We have initiated a plan to include a listing of local college students seeking summer internships or other employment opportunities in the WEB version of our April Newsletter. To access this site, go to www.evh.ieee.org/r2/susquehanna. We

will update the list of highly qualified students anxious to learn and to help with your summer workload. Do yourself a favor this summer and hire a student. The students will gain from the experience and you may gain a future employee. Meanwhile, we are gladly honoring the first such announcement request in this issue of our newsletter:

"I am finishing my junior year (GPA > 3.5) as an Electrical Engineering student and am searching for a summer internship position related to Electrical Engineering. Please contact me by phone or email:

Mee Mee Hein
1914 Baugher Avenue
Elizabethtown College
Elizabethtown, PA 17022
Cell Phone: (717)-940-0231
heinm@etown.edu

Resume gladly provided upon request."

Consultants Network

If you are a consultant, work for a consulting organization, or have some current/future interest in the consulting arena consider joining our monthly call-in meetings by no-travel-required 800 number conferencing. We seek to promote our mutual interests while furthering the goals of the local IEEE Section.

Our meeting on Monday 3/28/2005 will be a roundtable discussion on marketing. We will share with each other what works and what does not, as consultants. Also, we are moving the meeting date starting in April to the 3rd Monday of each month to better align with the section newsletter publication schedule. Upcoming meetings are at noon on 3/28/2005, then 4/18/2005 and 5/16/2005.

Our letter campaign has yielded a number of new member prospects, we look forward to their participation in these meetings. To receive call-in details, email Stan Telson, st@qspp.com or call 717-569-6579.

Consultants Directory – Please call or refer your projects to local members of our Consultants Network in the directory, below. Attend meetings to be added to the directory.

- Roy Hoffer, P.E., CFEI - 717-569-9332 - Forensics, Fires, Product Defects

- James E. Hooper, CISSP - j.e.hooper@ieee.org - Computer Security, Electronic Systems
- Ron Locati - rlocati@connectorconsultants.com - Electromechanical Devices, Electrical Connectors
- Stan Telson - st@qspp.com - Technology Strategy, Predictable Results
- Joe Wible - jbwib1@aol.com - Internal Combustion Engine Instrumentation

Useful Information Column

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Webmaster

David Sarraf
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Q/A-C Column

Do you have any questions or comments? Call, email or FAX it to our Chair at the above addresses.

Newsletter Mailing or WEB Page Notification

If you do not receive your Newsletter, please notify AB Shafaye mes121@psu.edu or Mohammad-Reza Tofighi mtofighi@psu.edu. If you would like to convert from paper copy mailing of the Newsletter to WEB page delivery, please notify AB Shafaye, who serves as our Publisher.

Address Changes and Updates

There are several ways to correct member information with IEEE. They update their directory from the information you provide, and pass the changes to us monthly. Keeping your address information up to date will ensure accurate mailings.

There is a WEB based interactive "change of address" form at:
<http://services1.ieee.org/membersvc/coa/intro.htm>

You can send an email to: address-changes@ieee.org

Call IEEE Member Services at 1-800-678-IEEE

Mail changes to

IEEE

445 Hoes Lane

P.O. Box 1331

Piscataway, NJ 08855-1331

FAX changes to 1-732-981-9667

Advertisements

Card Size: \$15/month

Page: \$75/month

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Vice Chairs - Program Chairs
Stan Telson, Aldo Morales
Treasurer
Sedig Agili
Secretary
Hossein Jula
Newsletter Editor
Mohammad-Reza Tofighi

Awards

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Bob Klinger, Larry Brown
Consultants' Network
Stan Telson
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GOLD Coordinator

Local Professional Activities
Bob Klinger

Webmaster

David Sarraf
Membership Development
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