

October 2007

See us on the WEB at: <http://www.ewh.ieee.org/r2/susquehanna>**October 2007 Section Meeting****“Contact Physics”**

Interested members (and non-members) are invited to our October program meeting. The program will be a talk by Demitry G. Grabbe on Contact Physics. You will also meet other members and enjoy a nice meal.

Date: Tuesday, October 9, 2007
Time: 6.30 PM - Dinner
7:30 PM - Presentation
Program: Contact Physics
Presenter: Demitry G. Grabbe, Research Professor,
Worcester Polytechnic Institute
Place: Special Events Room, Penn State Harrisburg,
Middletown, PA 17057
Dinner Cost: \$15, Free for Students
Contact: Larry Brown, PE
Email: lbrown007@comcast.net
or Telephone: 717-561-9803
Please let us know by October 5th, to have the proper head count.

Mr. Grabbe will provide a comprehensive overview of the current research being conducted in the field of contact physics. Many of us will remember Mr. Grabbe and his insightful views at many of our previous Section Meetings. His presentation will, most certainly, be outstanding!

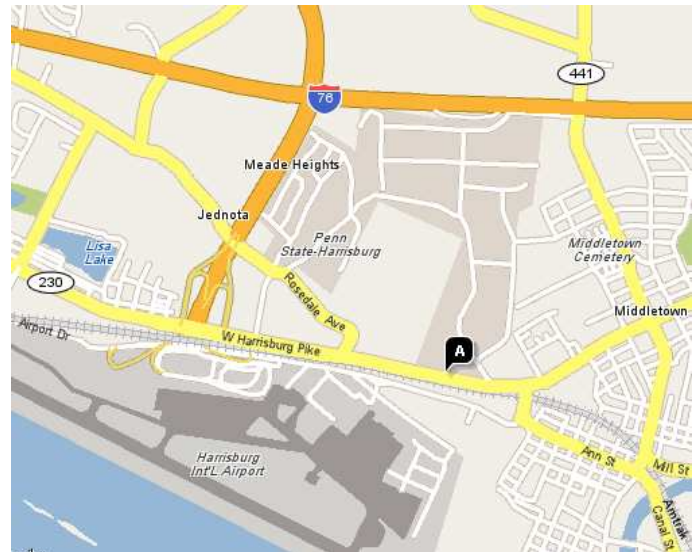
Directions

The entrance to Penn State Harrisburg is located on PA 230, west of Middletown. Proceed to Olmsted Building and park in the lot behind Olmsted. Arrangements will be made to avoid parking tickets. Further information will be provided when your reservation is confirmed.

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 for 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 for approximately 1 mile. The college entrance is on the left.

**IEEE Susquehanna Section Holds First Ever Senior Member Drives**

According to the IEEE website, **“The grade of IEEE Senior Member is the highest for which application may be made and shall require experience reflecting professional maturity. For admission or transfer to the grade of Senior Member, a candidate shall be an engineer, scientist, educator, technical executive, or originator in IEEE-designated fields for a total of 10 years.”** The IEEE senior status allows you to gain recognition from your peers for technical and professional excellence, be eligible for holding executive IEEE volunteer positions, serve as reference for Senior Member applicants, and be invited to a panel to review Senior Member applications, among other rewarding tasks.

Towards the goal of elevating our members to senior status, IEEE Susquehanna section held two Senior Drives. The first senior drive was held on May 26, 2007 at Penn State Harrisburg. It was a very successful one with an attendance of more than 17 candidates for elevation to the senior status

and several senior members writing recommendation letters. The second drive was held on August 25, 2007, also at Penn State Harrisburg. So far, more than 80% of the applicants have been elevated to Senior Member. Congratulations to all new Senior Members!!!

If you would like to be considered for the senior status, please contact Prof. AB Shafaye at mes121@psu.edu, or Dr. Aldo Morales at awm2@psu.edu.

Our New Senior Members

On behalf of our section, we would like to congratulate our new senior members listed in the August 2007 IEEE Senior Member Update: Kevin Noll, Carl Freidhoff, Jason Piatt, Mark Stecker, and Michael Hoffman.

September Section Meeting

Prof. Sung-Jea Ko from the School of Electrical Engineering, Korea University, Seoul, Korea, presented a talk entitled "Multimedia Signal Processing: Current Trends in Image and Video Processing Techniques for Consumer Electronics." His talk was focused on two topics. 1) Image analysis for video surveillance, where inefficiency in monitoring the video sources by human operators demands automatic analysis and interpretation of visual scenes. 2) Image stabilization for digital cameras, when the captured video by hand-held or mounted on unstable platforms, the image looks shaky, because of undesired camera motions. In that presentation, some applications in intelligent video surveillance systems and some image stabilization schemes such as digital image stabilization (DIS) were introduced. The IEEE Susquehanna section would like to publicly acknowledge the support of Dr. Omid Ansary, the Director of the School of Science, Engineering, and Technology, Penn State Harrisburg, for bringing Prof. Sung-Jea Ko from Korea University.

Useful Information Column

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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 address.

Newsletter Mailing or WEB Page Notification

If you do not receive your Newsletter, please notify AB Shafaye mes121@psu.edu or Soheil 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:

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Piscataway, NJ 08855-1331
FAX changes to 1-732-981-9667

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2007 Tentative Schedule of Events

Tuesday, October 9, **free for students**

Tuesday, November 13

Tuesday, December 11

<p>Current Officers Chair Aldo Morales Vice Chair - Program Chair Sedig Agili Treasurer Hossein Jula Secretary Vittal Balasubramanian Newsletter Editor Mohammad-Reza Tofighi</p>	<p>Awards Ernest Guenin Central PA Engineering Counsel Representatives Bob Klinger, Larry Brown Educational Activities GOLD Coordinator Local Professional Activities Bob Klinger Webmaster David Sarraf</p>	<p>Membership Development Art Van Gelder PACE Roy Hoffer Publisher AB Shafaye Student Activities Members at Large Omid Ansary Stan Telson</p>
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