

**December 2008**See us on the WEB at: <http://www.ewh.ieee.org/r2/susquehanna>**December 2008 Section Meeting****“Video Surveillance: Current Issues and Future Trends”**

Plan to join us at Penn State Harrisburg to meet other members, enjoy a nice meal, and attend this month’s talk.

**Date:** Tuesday, December 9, 2008  
**Time:** 6.30 PM - Dinner  
7:30 PM - Presentation  
**Program:** Video Surveillance: Current Issues and Future Trends  
**Presenters:** Dave Katz, Sr. System Engineer/Architect, Bosch Security Systems, Lancaster, PA  
**Place:** Special Events Room, (behind the cafeteria) First floor Olmsted Building, Penn State Harrisburg, 777 West Harrisburg Pike, Middletown, PA 17057  
**Dinner Cost:** \$18, \$9 for Students  
**Contact:** Dr. Aldo Morales (by email if possible), Phone: 717-948-6379, E-mail: [awm2@psu.edu](mailto:awm2@psu.edu)  
**RSVP by Friday 12/05/08 so we can get the catering count right for our hosts.**

Dave holds a Master of Engineering in Electrical Engineering from Penn State Harrisburg (class of 1997) and is currently a senior system engineer/architect in Bosch Security Systems. In this talk Dave will discuss video surveillance market size, key players, world markets, future of video surveillance, digital video, high definition video and its challenges, and video analytics. He will also discuss some of the Bosch’s security systems and video systems. Bosch is a global market player in video surveillance and has offices in Lancaster, PA.

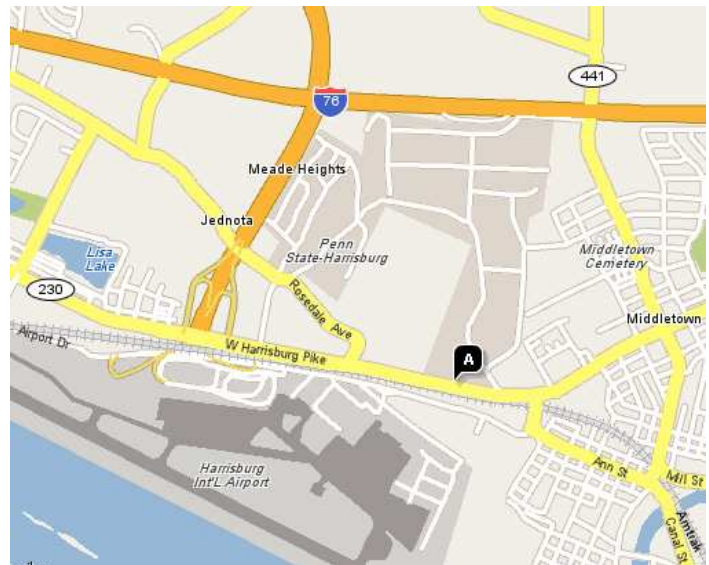
**Directions**

The entrance to Penn State Harrisburg is located on PA 230, west of Middletown. Proceed to the large parking lot behind the Olmsted Building. 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.

**Officer Nominations Needed**

All Section members are asked to submit nominations for Susquehanna Section officers for year 2009. Nominations can be forwarded to Chair Aldo Morales (Phone: 717-948-6379, E-mail: [awm2@psu.edu](mailto:awm2@psu.edu)). The primary offices that are open for election are Chair, Vice-Chair, Treasurer, and Secretary. It is helpful to obtain in advance the concurrence of any person you are nominating. All other positions in the Section as noted in the box on the next page are also possible if you have an interest. Please submit nominations by Dec. 15<sup>th</sup>.

Counties Served: Adams, Cumberland, Dauphin, Franklin, Juniata, Lancaster, Lebanon, Mifflin, Montour, Northumberland, Perry, Snyder, and York.

## November Section Meeting

62 people [28 IEEE members, 33 students (PSU-Harrisburg and Elizabethtown College), and 1 speaker] attended the November meeting at the Three Mile Island Simulator Facility. The evening consisted of dinner, good conversation, a tour of the Simulator Facility, and a presentation on "Training the Next Generation of Nuclear Power Plant Operators" by John Tesmer, TMI Simulator Coordinator, Exelon Corporation. Mr. Tesmer discussed new developments in the nuclear power industry, the importance and methods of training the next generation of nuclear powerplant operators and engineers, and the design and usage of the simulator facility at Three Mile Island. This excellent talk and tour touched on new plant designs and possible new construction, the relicensing and upgrades happening today at many existing plants including TMI, and some of the results, methods, and challenges of training the next generation of nuclear powerplant operators and engineers.

## Job Announcement

Volvo Construction Equipment at Shippensburg has a job opening for an Electrical Design Engineer. The Electrical Design Engineer manages the design of electrical and control systems and ensures it meets engineering requirements. The successful candidate will design and document CAD electrical harnessing, components and installations as well as complete machine schematics. He/She will develop and maintain software specifications to meet all functional requirements of the machines. He/She will support building of prototypes, production launches, and the training of service personnel. For more information, contact Joe Serba, Design Engineer II, Volvo Construction Equipment Road Machinery 312 Volvo Way, Shippensburg, PA 17257, email: [joseph.serba@volvo.com](mailto:joseph.serba@volvo.com), Telephone: 717-532-9181, ext. 5195.

### Useful Information Column

#### Susquehanna Section Chair

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#### Webmaster

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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](mailto:mes121@psu.edu) or Soheil Tofighi [mtofighi@psu.edu](mailto: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](mailto:address-changes@ieee.org)

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

Mail changes to:

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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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