



April 2000

Tentative Calendar of Events

Tuesday, May 9:

Topic: Social

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Next Section Meeting

The **April Section** meeting will be a tour of Penn State Harrisburg's new library in Middletown.

Date: Tuesday, April 11, 2000

Time: Dinner 6:30 p.m.
Tour 7:30 p.m.

Place: Capital Union Building (CUB)
Penn State Harrisburg
777 West Harrisburg Pike
Middletown, PA 17057

Contact:

AB Shafeei: TEL: 948-6349
FAX: 948-6352
E-mail: m.shafeei@ieee.org

by **April 7, 2000**, for dinner reservations.

Price: \$15.00 Members/Non-members/Retirees
\$6.00 Student members

Note: Dinner no-shows will be charged if not canceled by April 7. Also, we cannot guarantee late dinner reservations. There is no charge for attending the speaker or tour session of the meeting provided that you register in advance and clearly specify that you are not interested in the dinner.

Student of the Year Award

This year the IEEE Susquehanna Section will again present awards to students who are members of the IEEE and are the most successful in the following categories:

- IEEE Section activity,

- IEEE Student Branch activity, and
- Academic performance.

The Section is soliciting nominees for the awards by April 20, 2000 (this is an absolute deadline). The nominators must be IEEE members and are required to submit a letter describing the nominee's qualification for the award as well as a short resume from the nominee. The awards are presented to the successful candidates during the May Section meeting. For more information, please contact Omid Ansary at (717) 948-6353 or axa8@psu.edu.

Officers Needed

The IEEE Susquehanna Section is seeking officers for the following positions: GOLD (Graduates Of the Last Decade), Web Master, Membership Development, and Newsletter Editor. For more information, please contact AB Shafeei at (717) 948-6349 or mes121@psu.edu.

Minutes, March Section Meeting

The March Section meeting was a presentation by Ms. Bernadette Geyer, Assistant Executive Director, Breakthrough Technologies Institute, Inc., Washington, D.C. About 20 members attended the meeting held at Chapps at the Hill in York, PA, on March 14, 2000. The topic was an update on the current state of Fuel Cells, which hold great promise as a breakthrough in the next 3 to 10 years in a variety of applications, as size and costs come down. Examples were seen for residential and commercial distributed power, transportation and even small portable applications. A variety of common fuels are being used, including propane, natural gas, methanol and even gasoline or diesel. Advantages of fuel cells include efficiency, with essentially no moving parts, and a generally environmentally benign process. Further work progresses on the fuel reformation systems, which convert fuels to the hydrogen actually used in the fuel cell.

A Susquehanna Section Officer's meeting was held immediately following the section meeting,

and a number of officer slots were filled for this year, with more volunteers needed. Results will be announced separately.

Ed Simoncek, Secretary
3/15/00

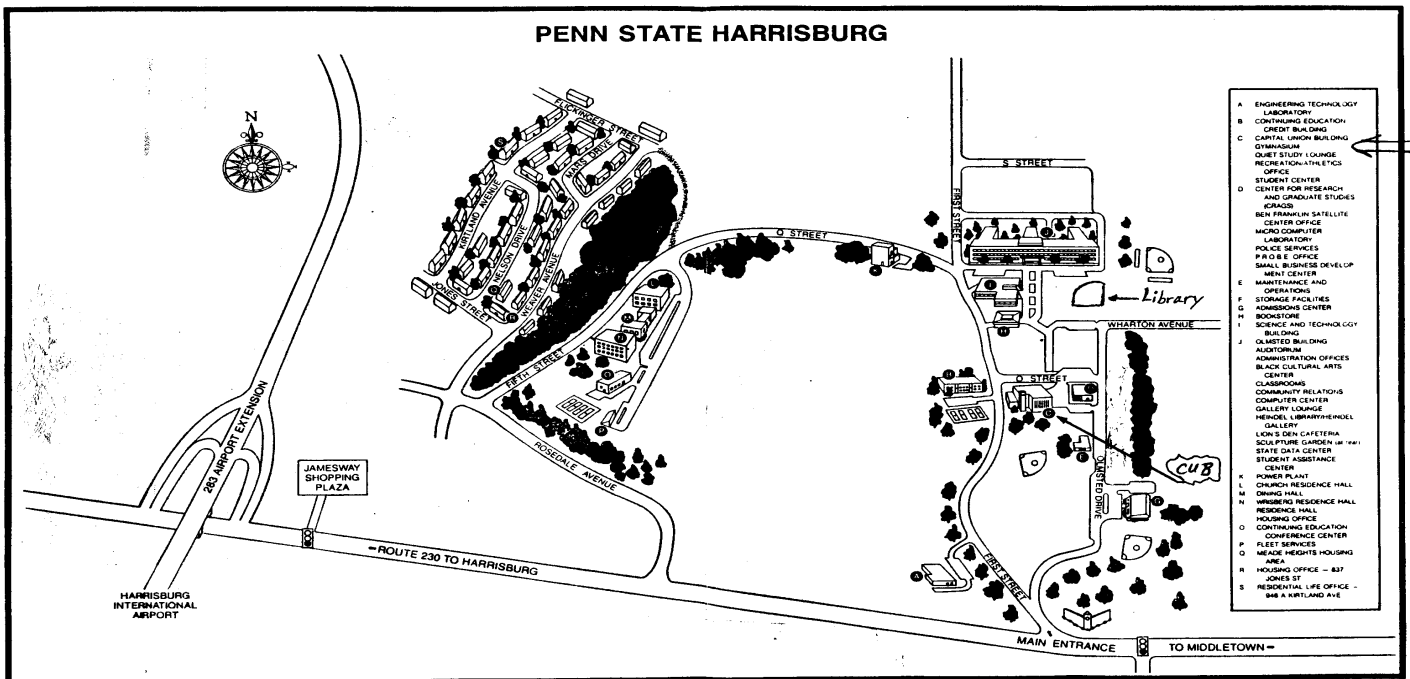
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The Electrical Engineering and Electrical Engineering Technology programs at Penn State Capital College, Harrisburg Campus, invite applications for two openings at the Assistant or Associate Professor level starting in the Fall 2000 semester; a tenure-track and a one-year fixed-term appointment. Preference will be given to candidates with a Ph.D. in Electrical or Computer Engineering, three or more years of industrial experience, and expertise in two or more of the following areas: communications; computer networking; computer systems architecture; industrial electronics; power systems; robotics; and VLSI. Candidates should show strengths in: teaching undergraduate core courses and laboratories in EE and EET; teaching graduate EE courses in their areas of expertise; academic advising; and curriculum and laboratory development. Preferred candidates for the tenure-track position should also demonstrate potential to establish and

sustain research. All candidates should demonstrate excellent written and oral communication skills.

Penn State Harrisburg (PSH) has a TAC-ABET accredited BSEET program, a BSEE program which started Fall 1998, and a Master of Engineering in EE. Penn State Capital College has two campuses with locations in Harrisburg and Schuylkill Haven. PSH is primarily an upper division college that serves the 650,000 plus population and industry of the Capital region, and offers close proximity to some of Pennsylvania's most popular tourist destinations, as well as metropolitan regions of Philadelphia, Baltimore, Washington DC, and New York.

Applicants should submit a current curriculum vitae, a list of three personal references, and a personal statement of research and teaching objectives to: Chair, Electrical Engineering Search Committee, c/o Mrs. Dorothy J. Guy, Manager of Human Resources, Penn State Capital College, P.O. Box ETD, 777 W. Harrisburg Pike, Middletown, PA 17057-4898. Applicants are also encouraged to visit our web site at <http://www.hbg.psu.edu/>. Initial screening will begin immediately, and applications will be accepted until the positions are filled. Penn State is committed to affirmative action, equal opportunity, and the diversity of its workforce.



Location of the meeting: CUB (Capital Union Bldg.) (C)

Current Officers: Chair: AB Shafeei Vice Chair: Alex Avitabile GOLD Coordinator: Craig Clewell Education: Harold Underwood Member at Large: H. Gerlach/E. Guenin/ P. Czuday Central PA Engineering Counsel Rep.: Mohammad Ashraf	Secretary: Ed Simoncek Membership: Brett Miller PACE: Chet Shorts/Omid Ansary Student Activities: Ed Cooper Local Prof. Act.: Robert Klingner Awards: Larry Brown/Omid Ansary Treasurer: Don Arnold	Web Master: AB Shafeei Newsletter: AB Shafeei Penn State Harrisburg Middletown, PA 17057 TEL: (717) 948-6349 FAX: (717) 948-6352 Email: m.shafeei@ieee.org
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