



# IEEE Crosstalk



The Monthly Newsletter of the Mid-Hudson Section of the IEEE

Volume XL, No 2, March 2001

## Chairman's Corner

February was a big month for engineering. By now many of you have participated in the activities of National Engineers Week, giving some of your precious time and effort back to the field of engineering by introducing the stories and concepts of the profession to our students. This is our future. Whether we inspire some of this potential talent to pursue careers in engineering is just a part of their exposure to the opportunity that they have. They are growing up to live in a world of technology and whether they choose to be part of its development or just surrounded by its benefits, the awareness and appreciation is important to convey. A big THANK YOU to all who helped by getting out to the schools with our vision.

Now for March. Along the same lines, don't forget Kid's Expo the weekend of March 24-25<sup>th</sup>. It's 2 days of science fun and games for kids of all ages at the Market St. Armory, Bardavon Mid-Hudson Civic Center and Dutchess County YMCA. Check on-line at <http://www.kids-expo.com/>. Another good link for fun is <http://tryscience.org/>.

Other news: IEEE-USA endorses the Comprehensive Retirement Security and Pension Reform Act, introduced in the House 3/14/01, as the Portman - Cardin Bill. This would increase contribution limits and simplify transfer of earned benefits between employer plans to improve pension portability.

*William F. McCarthy, Chair*  
[wfmc@ieee.org](mailto:wfmc@ieee.org)

Other links of interest:

- <http://calculator.com/> All kinds of calculators and conversion tools.
- <http://howthingswork.com/> Ever wonder? Get a simple explanation.
- <http://solarbotics.com/> Interested in robotics experiments?
- <http://nhatsa.dot.gov/> Find out if your car has had a recall.

## Mid-Hudson Section Website

<http://www.ewh.ieee.org/r1/mid-hudson/index.htm>

## Mid-Hudson Section Leadership



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- Graduates of the Last Decade:**

- Society Chapter Chairs:**
  - Power Society:** Hal Turner
  - Electron Devices Society:** Michael Hargrove
  - Computer Society:** Andreas Hieke
  - Education Society:** Kurt Webber



## Contact Information

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- [blair@exmail.usma.edu](mailto:blair@exmail.usma.edu) (845) 938-5003

# April Meeting: SUNY Albany Center for Advanced Technology What Is It and What Goes on There?

May Meeting  
eMagin

Details to follow.

**CONTACT:** Michael Hargrove  
Chair, Mid-Hudson Chapter  
Electron Devices Society  
<mailto:mhargrov@us.ibm.com>

**DATE:** Tuesday, April 24th, 2001

**TIME:** 7:00 – 9:00 PM

**LOCATION:** IBM Semiconductor Research and Development Center  
Rt. 52  
Bldg. 600 Conf. Room # TBD  
Hopewell Junction, NY 12533

**SPEAKER:** Prof. Alain Kaloyeros  
SUNY Albany Physics Dept.

**SPEAKER BIO:** Alain E. Kaloyeros is Professor of Physics and Executive Director of the UAlbany Institute for Materials and its affiliated centers, including the New York State Center for Advanced Tin Film Technology (CAT), the New York State Center of Excellence in Nanoelectronics, NanoFab 200 and the Energy and Environmental Technologies Applications Center (EETAC). He was also recently appointed Founding Dean of the School of NanoSciences and Materials at UAlbany. He received his Ph.D. in Experimental Condensed Matter Physics from the Univ. of Illinois, Urbana-Champaign in 1987. Dr. Kaloyeros has authored and co-authored over 100 articles and contributed to seven books on topics pertaining to the science and technology of advanced semiconductor and optoelectronics thin film materials, vapor phase processes, and high-resolution x-ray, electron, and photon-based characterization and metrology. He holds 9 U.S. patents. He is a past recipient of the NSF Presidential Young Investigator (PYI) Award, the NSF Research Initiation Award (RIA), the Albany Foundation Academic Laureate Award, and the Citizen of the University Award.

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**Member Advancement  
Member Advancement**

Mid-Hudson member Fairborz Assaderaghi  
has advanced to Senior Member.

**Congratulations!**





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