



IEEE Crosstalk



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

Volume XL, No 5, November 2001

Chairman's Corner

As we recover from the tragedies and suffering of September 11th we do our best to get back to "normal" routines and motivation. We will never forget them, nor would we want to, as we live with constant reminders, a picture of a skyline or a noisier than expected airplane. However, we do our best to support those changes we are dealing with which are necessary to ensure our safety as we travel and go about our daily lives with the freedoms we cherish and strive to preserve.

We in the Mid-Hudson Section of the IEEE are continuing with a program of meetings and presentations that should be of interest to most of our membership as professionals in electrical and electronic engineering.

We have increased activity with the student branch at **SUNY New Paltz** and hope to have links to more meetings and other on-campus societies.

Our **Women in Engineering** Affinity Group led by Visda Vokhshoori pulled together an excellent presentation for an October meeting given by Bruce Wile on "Challenges in Hardware Logic Verification". Unfortunately this meeting was pulled together on too short notice to get out a printed and mailed hardcopy distribution but with our increased participation in accepting e-mail softcopy we can get out the word to a large number of our members.

Look for information on the activities of these groups and other links by going to our section website. Larry Winkler is doing an excellent job of keeping it updated.

We welcome suggestions for programs and presentations that we can support and promote for the continued interest and participation of all members of the Mid-Hudson Section.

Come to our November meeting, details on the next page.

William F. McCarthy, Chair
wfmcc@ieee.org

Mid-Hudson Section Website

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

Mid-Hudson Section Leadership



Chair: William F. McCarthy
Immediate Past Chair: Edward C. Shaffer
Vice-Chair: Jean R.S. Blair
Treasurer: David J. Dittmann, II
Secretary: Casimer M. DeCusatis Jr.
Members-at-Large:
George M. Krembs
James Loy
Lawrence J. Prescott

Program Chair: Thor Larsen
Membership Chair:
Publicity Chair: Dale F. Sorenson
Newsletter Editor: Lawrence J. Boland
Associate Editors: George A. Nowak
PACE Chair: Larry Winkler
Section WebMaster: Larry Winkler
Student Activities Chair: Michael Otis
Engineer's Week Coordinator: Vic Melville
Librarian:
Historian:
Corporate Relations:
Women in Engineering: Visda Vokhshoori
Life Members:
Graduates of the Last Decade:
Society Chapter Chairs:
Power Society: Hal Turner
Electron Devices Society: Michael Hargrove
Computer Society:
Education Society: Kurt Webber



Contact Information

General: wfmcc@ieee.org (845) 433-1634
blair@exmail.usma.edu (845) 938-5003

November Meeting: OLED Microdisplays

Co-Sponsored with Mid-Hudson Chapter Electron Devices Society

CONTACT: Thor Larsen
Program Chair,
Mid-Hudson Section
<mailto:thorl@attglobal.net>

DATE: Thursday, November 29th, 2001

TIME: 7:30 – 9:00 PM

LOCATION: Casperkill Country Club
South Road
Poughkeepsie, NY 12601

SPEAKER: Webster E. Howard
eMagin Corporation
Hopewell Junction, NY

ABSTRACT: As the demand for access to vast amounts of information “anytime, anyplace” becomes more widespread, evidenced by the explosive growth of wireless appliances, there will be a huge demand for microdisplays, high resolution displays viewed only through magnifying optics. Already there are on the market liquid crystal-based microdisplays used in camera viewfinders, DVD players, and wearable computers. The case will be made that the requirements for such displays are best met with a new technology incorporating organic light emitting diodes (OLEDs) on silicon active matrix substrates. The characteristics of OLEDs which make this combination attractive will be reviewed.

SPEAKER BIO: Dr. Howard is Chief Technology Officer for eMagin Corporation, a Hudson Valley display manufacturer. Prior to joining eMagin (then FED Corporation), he spent many years at IBM Research in Yorktown, where he was Manager of Flat Panel Display Technologies, and several years at AT&T/Lucent Bell Laboratories, where he was a Director in the Global Manufacturing and Engineering Division. At IBM, he initiated the thin film transistor/liquid crystal project which culminated in DTI, the IBM/Toshiba display manufacturing joint venture. A physicist, he is a Fellow of the APS, the IEEE, and SID. He is also a Past President of SID and a former member of the IBM Academy of Technology.

The Public is Invited

Project Management: High-Impact Techniques for Any Effort
NJ EMS Chapter:

On December 13, 2001, the IEEE North Jersey Section Engineering Management Chapter will host an electronic presentation on "Project Management: High-Impact Techniques for Any Effort" by Cinda Voegtli. The IEEE Electronic Distinguished Lecturers Program prepared this presentation.

About the Talk

The focus of this presentation is on the process of project management. Techniques which lead to successful projects. Methods which have failed. How is a marketing concept transformed into a finished product? What steps a long the way will produce a higher probability of success? These questions and more will be addressed.

About the Speaker

Cinda Voegtli, BSEE, is President and CEO of ProjectConnections.com, a web-based service providing online resources and support for project managers worldwide. She has 20 years experience in hardware and software development, engineering and project management, and product development process improvement. Her experience spans a wide variety of industries such as data and telecommunications systems, medical devices, robotics and computer systems, software and information systems, and virtual reality and game products.

All Welcome!

You do not have to be a member of the IEEE to attend.
Bring your co-workers.

Time: 7:00 - 9:00 PM, Thursday, December 13, 2001.
Refreshments will be starting at 6:30pm
Place: **Crestron Electronics**, Training Room 2,
Rockleigh, NJ.
Directions are available at
<http://www.crestron.com/contact/directions.html>
Information: Wayne Owens, (201) 767-3400 x226
(wowens@ieee.org).

**MID HUDSON SECTION
NOMINATION OF OFFICERS**

The Nominating Committee has submitted the following slate for elective offices for calendar year 2002:

Chair: William F. McCarthy
Vice Chair: Jean R.S. Blair
Secretary: Casimer M. DeCusatis Jr
Treasurer: David J. Dittmann, II

Members at Large:
Larry Prescott
George Krembs
James Loy

Additional nominations may be submitted.

Building Careers...
IEEE★USA
TODAY'S ENGINEER
www.todaysengineer.org/careerfocus/




Reach over 900 engineers and professionals in the Mid-Hudson Valley. Place an ad with the Editor:

<i>Business Card:</i>	<i>\$ 30.00</i>
<i>1/4 Page:</i>	<i>\$ 50.00</i>
<i>1/2 Page:</i>	<i>\$100.00</i>
<i>Full-Page:</i>	<i>\$200.00</i>

Discounts available for long-term advertising.

IEEE, Mid-Hudson Section
L. Boland, *Crosstalk* Editor
42 Colburn Drive
Poughkeepsie, New York 12603

**State University of New York
at New Paltz
Department of Electrical and
Computer Engineering
(BS and MS degrees)**

Offers Master of Science degree in Electrical Engineering with thesis and non-thesis options, and Bachelor of Science degrees in Electrical and Computer Engineering. Department offers a wide variety of courses in Electrical and Computer Engineering.

Prospective full and part time students, please call the Engineering Department at (914) 257-3720 or visit our web site: www.engr.newpaltz.edu.