



Watt's New



Baltimore Section www.ewh.ieee.org/r2/baltimore/

FALL Volume 1, Issue 2 October 2001

A Publication of the IEEE Baltimore Section

2001 Section and Technical Society Chapters Chairs

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Chair's Mini Corner: A Snapshot of the "Year-in-Review"

- **RAB 2000 Membership Growth Award for Region 2.** Increased from 4389 (9/30/00) to 4539 members, 203 senior members and 27 fellows (9/30/01).
- **Attendance.** Average meeting attendance has doubled from previous years.
- **Computer Society** - Local Chapter rejuvenated.
- **Technical Presentations.** Web page creation, distance learning, antenna array measurement, new paradigms for future NASA earth and space science missions, wireless equipment in hospitals and signal processing in biomedical research.
- **Educational Presentations.** In-service training for treasurers, an introduction to SAMIEE database, Concentration Banking, and utilization of a Mail List Management. *To subscribe, contact Jim Cummins, Mail List Manager, jcummins@ieee.org.*
- **Awards Banquet** - Volunteers honored on 5/9/01.
- **e-Newsletter.** In addition to the incorporation of technical/educational presentations, launched the e-Newsletter version of WATT'S New.
- **Bylaws.** We have updated our Section Bylaws. This will be posted on our web site after final approval from IEEE.
- **Student Activities.** Two Gold members attended the IEEE-USA conference April 27-28, 2001 in Tampa, FL. The Robot Challenge project continues to be a successful venture. ♦ Support to the October 27, 2001 conference, SPAC at Baltimore County Community College. ♦ Attended Pre-college Teacher In-Service Training "Engineers Promoting Technological Literacy through In-Service Programs."
- **Conference Co-sponsorship.** SC'02 Sections Congress October 18 - 21, 2002 Washington, D.C. ♦ 2002 Conference on Ultra Wideband Systems and Technologies (UWBST'02) in Baltimore May 20-23, 2002.
- **WIE** - Baltimore joins the Washington area Women in Engineering Affinity Group. Oct 16, 2001. ❖

Carole C. Carey, Chair, Baltimore Section

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BALLOT FOR ELECTION OF 2002 OFFICERS

Please select one candidate for each of the position.

- Chair: Virgilio Arafiles Write-In _____
- Vice-Chair: Jeffrey Friedhoffer Write-In _____
- Secretary: Robert Berkovits Write-In _____
- Treasurer: Hoosamuddin Bandukwala Write-In _____
- Awards/Recognition: Thomas Patton Write-In _____
- Programs: Christopher Nemarich Write-In _____
- Continuing Educ. Activities:
John Dentler Write-In _____
- Membership Development: Joe Pollitt Write-In _____
- Student Activities: Neville Jacobs Write-In _____
- Publications/Internet Solutions:
Carole Carey Write-In _____
- PACE: William Dixon Write-In _____
- Audit/Bylaws: Write-In _____
- Annapolis Subsection Chair:
David Boyd Write-In _____

Name: (Print Please) _____

IEEE Member # (member must be in good standing) _____

Signature: _____

BALLOTS MUST BE SIGNED AND INCLUDE MEMBERSHIP # TO BE COUNTED. BALLOTS MUST BE POSTMARKED BY NOVEMBER 30, 2001.

**Please mail/E-mail/ FAX your ballots to Ralph W. Bruce, 1594 Chicksaw Rd, Arnold, MD 21012
rwbruce@ieee.org O: 410-757-3333 H: 410-757-3317 FAX: 410-757-3333**

This issue will be mailed to all IEEE Baltimore Section members in good standing. Subsequent issues will only be available electronically through our website: www.ewh.ieee.org/r2/baltimore.

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Check here to subscribe in the E-Mail List. For immediate inclusion, contact Jim Cummins, Mail List Manager, jcummins@ieee.org.



Emerging Microwave Components for 21st Century Systems

| <u>Topic</u> | <u>Speaker</u> | <u>Date</u> | <u>Location</u> |
|---|---|--------------------------------|---|
| Communication System Design Drivers & Specifications | Dr. Roger Kaul Adjunct Faculty Whiting School of Eng'g Johns Hopkins University | October 11, 2001 | American Center For Physics (ACP) College Park, MD |
| Reconfigurable Antenna Technology | Dr. David Auckland CTO of e-tenna Corp. | November 8, 2001 | SAIC Tysons Corner, VA |
| Co-integration of Power Amplifiers and Digital Circuits | Dr. Peter Asbeck UCSD San Diego | December 11, 2001 (Tuesday) | American Center For Physics (ACP) College Park, MD |
| Phase Shifter Architectures | Dr. Robert York University of California Santa Barbara | January 10, 2002 | American Center For Physics (ACP) College Park, MD |
| Technology Choices For Multifunctional Adaptive RF Front Ends | Dr. Michael Steer NC State University | February 21, 2002 | American Center For Physics (ACP) College Park, MD |
| High Speed Analog-to-Digital A/D Converters | Dr. Joseph Jensen HRL Laboratories | March 14, 2002 | American Center For Physics (ACP) College Park, MD |
| Linearizer Basics | Dr. Allen Katz College of New Jersey Engineering | April 4, 2002 | Raytheon Crystal City, VA |

Registration Form

Course Cost \$120/person: Includes all 7 lectures, text, handouts, CD & refreshments. Dinner (opt) \$10/night. Make checks payable to: Washington MTTS Chapter IEEE. All are welcome. We facilitate **Senior Membership** for those who qualify. **Registration available anytime**; 5:30 Social, 6:00 Dinner (RSVP: Roger Kaul 301-774-6848 by prior Fri.), 7:00-9:00 Lecture w/break

Name: _____, IEEE, MTT, Student, Senior, Fellow

Mailing Address: _____

E-mail: _____, Phone: _____

Mailing address: Washington MTTS Chapter IEEE
C/o Rich Sutton: Treasurer, P.O. Box 12863, Arlington VA 22219-2863
Michael Nueslein (2001 Chair) m.nueslein@ieee.org – (703) 872-3472

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EDITORIAL POLICIES AND PROCEDURE

Watt's New is the official newsletter of the IEEE Baltimore Section as a medium for both news, articles, and opinions that are of newsworthy IEEE activities taking place in and around the Baltimore metropolitan area.

The electronic version and back copies are published in the Baltimore web page at www.ewh.ieee.org/r2/baltimore

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ADDRESS CORRECTION REQUESTED

E-NEWSLETTER FORMAT AND FREQUENCY

Beginning 2002, Watt's New e-newsletter will be published quarterly in the Baltimore web page. Paper copy will be mailed only upon request. Contact Len Bathgate. To receive notices by e-mail and e-newsletter subscription, contact Jim Cummins, jcummins@ieee.org.

ADVERTISING

Contact editors about rates and to place advertising orders.

CALENDAR, CONFERENCES AND ANNOUNCEMENTS

Please submit items in a timely manner to provide members with a newsletter that is informative and timely. Contact editors about accepted format.

DEADLINES

Deadline for upcoming issue will be published on this page. The deadline for the 2002 January-February-March issue is December 1, 2001. Deadlines must be strictly adhered to keep our publication schedule.

ATTENDANCE AT MEETINGS

The Baltimore section, Annapolis sub-section, and Chapter technical Society meetings are open to all members and guests. ■

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