



The Institute of Electrical
and Electronics Engineers, Inc.

The Open Channel

Newsletter for the Hampton Roads Section

December 2001

Happy Holidays

Hampton Roads Chapter of IEEE will not meet in December.

January meeting is in conjunction with the **Student Paper Contest**. It will be At Old Dominion University in Webb Center for Thursday, January 24, 2002, from 6:00 to 10:00. Will keep you informed.

SOUTHEASTCON 2002
Columbia, SC
05 Apr - 07 Apr 2002

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Newsletter: Judith Brandon jbrandon@ieee.org
Membership: William LaBelle W.Labelle@ieee.org
Web Manager: William Clayton w.clayton@ieee.org

The **Future Cities Competition** is in dire need of engineering mentors at several local middle schools. This competition provides a unique opportunity to promote our profession and encourage future generations to pursue a career in engineering, planning, architecture, or many other related fields. We have about 25 schools who need engineering mentors. Mentors must be either an E.I.T. or a P.E.

Volunteering to be an engineering mentor does not require a tremendous amount of time. In fact, just a few hours a week is more than enough. Engineering mentors assist teams of 7th and 8th grade students plan, design, and create their model of a future city. The students then participate (with their teacher and mentor) at the local competition to be held January 26, 2002 at the Virginia Air and Space Museum in Hampton. The winner of the local competition will go to the National competition in Washington D.C. in February.

Please consider donating your time and expertise to this exciting event!

Please contact moorese@pbworld.com if you would like to participate.

African tycoon pursues space dream

South African multimillionaire Mark Shuttleworth trains for his flight inside a Soyuz simulator.
< <http://www.msnbc.com/news/669170.asp>>

EEs' Gifts for The Holidays

By Willie D. Jones, Assistant Editor

<<http://www.spectrum.ieee.org/pubs/spectrum/1201/gift.html>>

Good things come in small packages, it has been said, and this holiday season should leave no doubt about it. If your nearest and dearest hands you a gift the size of a small paperback book, you might be the lucky owner of a US \$900 full-featured digital camcorder or a computer printer.

For high-tech gifts, this holiday season will be remembered as the year when the small became tiny and the tiny became downright minuscule. Not since the early 1960s, when compact transistor radios made it even more fun to be a teenager, sports fan, or pop-music maven, has miniaturization so firmly ruled the consumer electronics kingdom.

Unlike those early transistor radios, which sacrificed sound quality for portability, this latest generation of mini devices is not sacrificing anything. In fact, some of the items, such as the tiny digital camcorders, are outperforming their considerably larger ancestors. Among the Lilliputian offerings are digital still cameras that can hide behind credit cards, matchbox-sized MP3 players, digital movie cameras no bigger than a bar of bath soap, computer printers that can perch on your palm, and powerful mini-notebook computers that weigh only just over a kilogram.

LeEarl Bryant to Become First Woman President of IEEE-USA

<<http://www.ieeeusa.org/releases/113001.html>>

4 Dec -- LeEarl Bryant, a licensed professional engineer from Richardson, Texas, will be the first woman to serve as IEEE-USA president, when she steps into the role on 1 Jan. 2002. She has been serving as president-elect this year. An IEEE-USA Congressional Fellow in 1993, Bryant assisted U.S. Rep. Pete Geren of Fort Worth, Texas, with issues in telecommunications, competitiveness, technology, healthy, education and aging. She is active in the IEEE Dallas Section and has been a member since 1964.

IEEE ELECTION RESULTS: MICHAEL J. ADLER 2002 PRESIDENT-ELECT

The results of IEEE's annual elections have been announced. Michael J. Adler will serve as 2002 President-Elect of the IEEE. For a complete list of the newly elected officers, including division delegates and directors and officers of the

Standards Association, IEEE-USA and Technical Activities, go to <
<http://www.ieee.org/organizations/corporate/candidates.htm>>

Educational Activities Board

For complete access to IEEE educational products and programs, log onto www.ieee.org/eab. The site offers the online education reading room, video on-demand, the NewsWire, contests and prizes, and much more.

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http://www.ewh.ieee.org/r3/hampton_roads/

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Tell Us About Your Local Engineering Events

Are you organizing or sponsoring a local event of interest to the engineering community? Let us know! Contact chapter newsletter editor Judith Brandon (jbrandon@ieee.org) to have your event announced in upcoming editions of *The Open Channel*. With distribution to over 1000 local IEEE members each month, you can't afford to ignore this free resource.