



VIRGINIA MOUNTAIN SECTION NEWSLETTER

IEEE Region 3, Council 09, Section 65

October 2008

Thursday, October 16, Holiday Inn Hotel Roanoke Airport

Spouses Meeting

The Arts Initiative at Virginia Tech

presented by

Dr. William H. Sanders

Director Arts Initiative, Director Blacksburg Electronic Village
Virginia Tech

Abstract

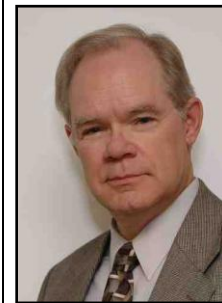
Long committed to educating the whole person, Virginia Tech will augment its traditional strengths in engineering and technology with a state-of-the-art performance hall, a visual arts gallery, and an associated Center for Creative Technology in the Arts. The performance hall will provide a venue in Southwest Virginia suitable for world-class performers and the visual arts gallery will be operated in collaboration with the Art Museum of Western Virginia in Roanoke.

The Center for Creative Technologies will provide access both to physical space designed specifically for trans-disciplinary collaborations, and high-end digital media development environments accessible over regional and wide-area networks (Internet2, National Lambda Rail, and Network Virginia).

By providing both physical and network access to these facilities, the Arts Initiative will:

- Attract professional artists to perform and exhibit in Southwest Virginia,
- Provide interactions with those artists both physically and over networks in our regional schools and communities,
- Foster the development of models and programs that advance creativity and critical thinking in preschool through secondary (P-12) learning environments
- Act as a catalyst for investment in regional broadband infrastructure, community and economic development, tourism, entrepreneurship, and innovation, and
- Promote regional partnerships among government, business, and citizen groups.

Biographical Sketch



A native of Richmond, Va., Dr. Sanders was active in music and theatre arts in high school. He completed his undergraduate and master's degrees in Music

Education under the GI Bill. In so doing, he augmented his income as a store clerk, a landscaper, a church choir tenor, and as rhythm guitarist, lead vocalist--and Elton John impersonator--for "Your Basic Band" out of Richmond. (No, you've never heard of them.)

He became involved with information technology (IT) during his graduate work and received his doctorate from the University of Illinois in the design and development of computer-based instructional systems.

He came to Virginia Tech in 1986 as an instructional technologist; but since 1988, has served in various IT leadership capacities which include guiding the university's central computing support units through two separate periods of growth and change and overseeing quality assurance and risk analysis for the deployment of Virginia Tech's enterprise administrative systems.

Active throughout his life in civic and community affairs, Dr. Sanders welcomed the opportunity in 2004 to lead the Blacksburg Electronic Village (a technology outreach mission of Virginia Tech) and its efforts to increase broadband deployment and technology-based economic opportunities, particularly in rural areas. In 2008, Dr. Sanders found irresistible involvement in the Virginia Tech Arts Initiative with its potential to contribute through the arts and technology to education, community renewal, and economic development in the region.

Date: Thursday, October 16, 2008
Social: 6:30 PM
Dinner: 7:00 PM
Talk: 8:00 PM
Cost:
Members & Guests \$20.00
Special rate for couples \$30.00
Students \$10.00

**Reserve by 5 PM Monday
October 13, 2008**

Dr. Wilbur Dale (540) 464-7547
[mail to:dalewn@vmi.edu](mailto:dalewn@vmi.edu)
Please specify the number of attendees.

Directions to Holiday Inn Hotel Roanoke Airport

2727 Ferndale Drive NW
I-581, Exit 3
Hershberger Rd West
1st Rt. onto Ordway Drive, ¼ mile,
Rt. into parking lot.

Student Chapter Websites

VMI: <http://iee-vmi.org>
VT: <http://www.ieee.vt.edu>

Editor's Note

Sorry for the delay! We had several issues pop up that set us back.

If you did not get a chance to read the September issue of the newsletter, it is posted on the website.

We'll see you at the meeting.

Dave Livingston

Election Season

(from IEEE-USA Today's Engineer
E-mail Update: September 2008)

Election Day, 4 Nov., is approaching quickly. Do you know where the congressional and presidential candidates stand on science, technology and engineering issues? If not, plenty of time remains to brush up before you head to the polls. This year, IEEE-USA joined with two nonpartisan coalitions -- ScienceDebate2008 and Scientists and Engineers for America (SEA) -- to urge candidates to answer questions on science, technology and engineering issues. Candidates' responses to this year's questions have been posted

verbatim online to help voters with their decisions.

To view the Sen. McCain and Sen. Obama's respective answers to 14 questions posed by ScienceDebate2008, go to: <http://bmsmail3.ieee.org:80/u/12966/62876>

Check out SEA's online database, with information on every viable candidate for Congress this year, as well as presidential candidates, Sen. McCain and Sen. Obama, at: <http://bmsmail3.ieee.org:80/u/12967/62876>

The non-partisan Information Technology and Innovation Foundation (ITIF) has also released a report providing a detailed comparison of the positions outlined by Presidential candidates John McCain and Barack Obama on important national innovation and technology policy issues. See: <http://bmsmail3.ieee.org:80/u/12968/62876>

If you have questions about SEA, ScienceDebate 2008 or the fall election, please contact IEEE-USA staffer Russ Harrison at r.t.harrison@ieee.org.

Editor's Note: Since last month, Senator John McCain has responded to the science and technology questions on the SEA site.

Election Season Part II

Your section will be having elections in November. Please consider serving as an officer, a standing member of the executive committee, or a chapter chair. Remember the section cannot survive without volunteers like you.

SoutheastCon '09

The website for SoutheastCon '09 is now active:

<http://www.sec09.com/>.

VMS OFFICERS

Chairman: **Wilbur Dale**
[mail to:dalewn@vmi.edu](mailto:dalewn@vmi.edu) 464-7547

Vice Chairman: **Chris Bonadeo**
cbonadeo@verizon.net

Sec./Treasurer: **F. Gail Gray**
fggray@vt.edu

VMS EXECUTIVE COMMITTEE

David Geer
dgeer@ieee.org

Robert Hendricks
hendrxrw@vt.edu

Howard Moses
mmoses@ieee.org

Edward Tuttle
tuttleone@earthlink.net

Junior Past Chairman: **Jan Helge Bohn**
bohn@ieee.org

VMS CHAPTER CHAIRS

Computer, Control Systems, & Industrial Electronics:
Lynn Abbott abbott@vt.edu

NEWSLETTER

Editor: **Dave Livingston**
d.livingston@ieee.org

540-464-7545

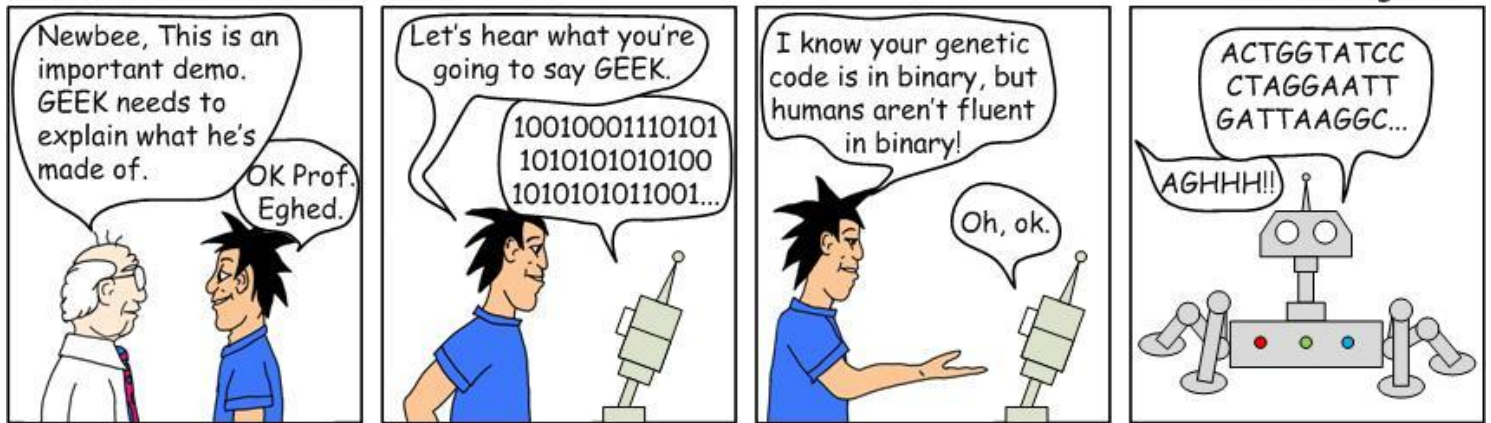
Contact the newsletter editor to be added to the VMS listserv.

WEBSITE

<http://www.ewh.ieee.org/r3/virginia-mountain>

Webmaster: **Chris Bonadeo**
cbonadeo@verizon.net

Meanwhile, Back at the Lab...



V1.2 2008