



Region 2 – South Area

Baltimore

Bill Semancik
Chair

Northern Virginia

Syed F. Ahmed
Chair

Washington

Gerard Christman
Chair

Murty Polavarapu, South Area Chair

South Area Membership Summary

Section	1/31/2007	1/31/2008	% Change
Baltimore	4658	4608	-1.07%
Washington	5204	5112	-1.77%
Northern Virginia	6190	6008	-2.94%
Total	16052	15728	-2.02%

HM - Honorary Member	LM - Life Member
LF - Life Fellow	M - Member
F - Fellow	PM - Pending Member
LS - Life Senior	LA - Life Associate
SM - Senior Member	A - Associate
PS - Pending Senior	Students - Student Members

Area Chairs do not have SAMIEEE access??? Need help



IEEE-Baltimore Section

*The Baltimore
Section*



William Semancik, Chair

Baltimore Section – 2008 Officers

Chair: Bill Semancik

Vice-Chair: David Kisak

Treasurer: Helen Garrison

Secretary: Anna Romaniuk

Past Chair: Robert Cuellar

Directors: Boris Gramatikov, Virgilio Arafiles,
Tom Patton, Neville Jacobs,
Jay Gamerman, Ron Aloysius
Carole Carey

Baltimore Section

- 1 Subsection
- 14 Chapters
- 2 Affinity Groups
- 99 meetings reported through L-31's in 2007





IEEE-Washington Section

Gerard Christman, Chair

IEEE-Washington Section 2008 officers



- Chair: Gerard J. Christman
- Vice-Chair: Richard Benjamin
- Treasurer: Raj Madhavan
- Secretary: Timothy Weil
- Past Chair: Kiki Ikossi

- Directors: Doug Holly, James Christian,
Harry Sauberman, Kiki Ikossi,
Mary Tobin Fari Schlake
Steve Weiss Debi Siering



Washington Section - Student Branches

- **Capitol College**
- **Catholic University of America**
- **George Washington University**
- **Hood College**
- **Howard University, Washington DC**
- **University of District of Columbia**
- **University of Maryland**



The
Northern
Virginia
Region



IEEE-Northern Virginia Section

Syed F. Ahmed Chair

Monica Mallini Vice Chair

IEEE-Northern Virginia Section

2008 officers

- Chair: Syed F. Ahmed
- Vice-Chair: Monica A. Mallini
- Treasurer: Kerry Hartman
- Secretary: Chuck Baldi
- Past Chair: Chuck Sisung

- Directors: Sirak Belayneh, Laura Black,
Seddik Benhamida, Dan Cross-Cole,
Mike Cardinale, Tim Settle
Barry Tilton, Diba Khan

IEEE-Northern Virginia Student Branches

- **George Mason University**



- **DeVry University**



National Capital Area Virtual Community

Membership Publications Services Standards Conferences Careers/Job

IEEE National Capital Area Forum

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IEEE NoVA Section

Discussions

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■ [Job Board](#) (17 msgs)

I have had some inquiries off board from Murty and Don about starting up a job board for the Northern Virginia section. Things have been hectic, due to my own search, the CVD and other personal business, so I would not have time to perform the effort,...

[General](#)

■ [PCS Chapter Formation](#) (7 msgs)

NOTE: A petition is available for downloading from this site. See link below. Update: First meeting has been scheduled! Fri Nov. 9, 2007 6:30pm The Front Page, Arlington - see calendar entry and announcement on this site. ...

[General](#)

■ [Engineers as Leaders](#) (13 msgs)

I am interested in any comments regarding concepts or techniques to encourage engineers to enter politics. Also, who are the role models, other than Jimmy Carter? Thanks, Michael

[General](#)

■ [GC07 GIMS Report](#) (1 msg)

The General Chair Report to the Globecom 2007 IEEE Management and Strategy (GIMS) committee at the ICC 2007 Conference (Glasgow, Scotland) has been posted to the VC. This is available to registered members in the Globecom VC group. Contact Tim Weil...

[Conference Planning](#)

■ [Meeting Venue](#) (5 msgs)

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Notes

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[Douglas Holly](#)

Mar 10, 2007 11:54 PM

Thank you to all the presenters in this years 2007 Officer Training program. All of the presentations have been uploaded in the files section.

[Timothy Weil](#)

Feb 11, 2007 8:50 AM

Globecom 2007 - COMSOC International Conference (Washington DC 11/26-30, 2007). We now have a Working Area for Organizing Committees to post material

[Murty Polavarapu](#)

Apr 28, 2004 3:26 PM

Jump to...

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National Capital Area eScanner

A Joint Publication of the IEEE Northern Virginia and Washington Sections

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IEEE National
Capital Area

Administrative
Information

Northern Virginia
Section

Washington
Section

Technical Chapters
and Affinity Groups

Virtual Community

Affiliated
Organizations

IEEE Conference
Dates

IEEE Region 2

March 2008

Northern Virginia Section Changes Meeting Location

The Northern Virginia Section has moved its monthly Administrative Committee meetings to the Olive Garden Restaurant in **Tysons Corner**. See [Calendar listing](#) for directions.

Date	Event (click title to view details)	Sponsor (key)
Tuesday March 4	Washington Section Administrative Committee Meeting	W
Tues.-Wed. March 4-5	Congressional Visits Day 2008	IEEE-USA
Thursday March 6	New! Space Robotics for Science and Exploration on Planetary Surfaces	RAS
Saturday March 8	National Capital Area Leadership Training	NV, W
Mon.-Tues. March 10-11	New! IASA IT Architect Regional Conference	IASA, CS
Tuesday March 11	Daily Main Line Steam Operation	VTS-LTC



IEEE
National
Capital Area

Scanner

A Joint Publication of the Washington and Northern Virginia Sections
www.ieee.org/escanner

Volume 23, No. 1
January–February 2008



EVs, HEVs and PHEVs: Plug-in Vehicles and the Electric Grid

By Monica Mallini and Wally Lee

The electric car is an idea whose time has come—again. Battery powered cars were ready to take off in 1912. Then Cadillac invented the electric starter, and internal combustion engines (ICE) have ruled ever since. Until now.

IEEE-USA sponsored a symposium, "Plug-in Hybrids: Accelerating Progress 2007," in September in Washington, D.C. The one-day conference presented a broad range of technological advances that support the current commercialization of hybrid vehicles and

to pure ICE automobiles. The efficiency advantage is due partly to regenerative braking, which recaptures energy from deceleration to charge the batteries.

The potential uses for EVs do not stop at efficient transportation. Electric car batteries are a valuable energy storage resource to displace power produced by a utility's generators. This is called "vehicle to grid" power, or V2G. For example, an EV used for daily commuting consumes some fraction of its total battery capacity for the round trip. In the evening, the car is garaged with

Capital Science 2008 Offers "Straight Talk" on Today's Science and Technology Issues

The Washington Academy of Sciences and its affiliates, including the Northern Virginia and Washington Sections of IEEE, will meet for their biennial Conference on Saturday and Sunday, March 29-30.

Capital Science 2008 is a forum of scientific presentations and talks by local scientists and engineers. About 20 professional societies and institutions affiliated with the Washington Academy of Sciences are participating.

Plenary Sessions include *Human Tissue Ownership: Ethical, Legal, & Policy Considerations* led by Dr. William Gardner, executive director of the American Registry of Pathology; *International Polar Research* led by the Office of Polar Programs, National Science

Foundation; and *Science and Engineering in the Courtroom: Ethics and the Expert Witness* led by Mark S. Frankel from the American Association for the Advancement of Science.

Featured speakers include Arden L. Bement, Jr., director of the National Science Foundation; Mario Livio, senior astrophysicist at the Space Telescope Science Institute; and Maxine Singer, a scientist emerita of the National Cancer Institute.

Capital Science 2008 is being hosted by the National Science Foundation at their Arlington, Va. office near the Ballston Metro station. The registration fee is \$50, or free for students. For more information and online registration, see www.washncadsci.org/caps08.

IEEE Fellow Gives Seminar on MIMO Radar

by Jeff Poston

The Northern Virginia chapter of the IEEE Signal Processing Society hosted a technical seminar entitled "Radar Horizons" by Dr. Joseph R. Guerci in November at Mitre Corp. in McLean, Va.

Dr. Guerci is a recognized authority in next generation sensor systems and adaptive signal processing, and his contributions to the field have been

His talk covered both theoretical advances in radar as well as new systems and applications enabled by those advances. The theoretical portion reviewed optimization of Multiple Input Multiple Output (MIMO) radar. He explained how multipath and clutter factor into MIMO radar design and noted why relying upon orthogonal transmit waveforms for MIMO may not be a prudent choice. Also, he noted that the

Washington/Northern Virginia Leadership Workshop March 8 2008

Welcome 0850

Doug Holly

Facilities, Introductions, Request advance questions / talking points for panels.

Session 1: Within the Chapter/Section

900 ***Officer Roles / Responsibilities***

Mike Cardinale

What are the key responsibilities and expectations of chapter and section chairs, vice chairs, secretary and treasurer. Other roles to consider in a chapter.

920 ***Financial Reporting***

Doug Holly

What are the financial requirements for chapter and section reporting? How to submit the reports? When are reports due. Appropriate expenses.

940 ***Meeting Management and Robert's Rules***

Rex Klopfenstein

Managing the meeting effectively. Some basic processes to follow. Controlling the meeting flow.

1000 ***Running an Effective Chapter***

Fred Seelig

Activities to build membership. Finding good speakers and topics to draw interest.

1020 ***Scanner and eScanner***

Elsie Grant

How to get meetings and articles into the Scanner. What is a good meeting notice? Timeline for publication. Pictures add interest.

1040 ***Office Support***

Doug Holly

Mail, registration, materials, meeting help.development.

Part 2

Session 2: Outside the Chapter/Section

1110 *Membership Development*

SAMIEE, Senior Member Elevation, Awards & Recognition, Demonstration of SAMIEE

Tim Weil

1135 *Student Chapters and Pre-College Activities*

Working with Student chapters, developing interest, typical activities and science fairs.

Kerry Hartman

1150 *SAMIEEE Demonstration*

How to use SAMIEEE to help with membership development.

Tim Weil

Lunch and Networking 1210-1240

Region 2 & IEEE Overview 12:40-1:00

Marc Apter

Chair Wrap – Up and Q&A 1:00 – 1:30

1:00 Northern Virginia Remarks

1:10 Washington Remarks

1:20 Region 2 South Area Chair
Polavarapu

[Syed Ahmed](#)

Gerry Christman

Murty

1:20 Q&A and wrap-up

26 Technical Chapters (NoVa/Wash)

Aerospace and Electronic Systems Society (W/NV)

Mr. Roger Oliva
703-573-6887
roger.oliva@ieee.org
http://ewh.ieee.org/r2/wash_nova/aess

Antennas and Propagation Society (W/NV)

Ms. Monica Taysing-Lara
202-725-2225
m.taysinglara@ieee.org

Communications Society (NV)

Mr. Vinod Mishra
908-616-3022
vmishra@ieee.org

Communications Society (W)

Mr. Roger Hardwicke
703-818-5221
rogerchmd@gmail.com

Computer Society (NV/W)

Mr. Tom Starai
703-927-3023
starai@ieee.org
http://ewh.ieee.org/r2/wash_nova/computer

Control Systems Society (NV)

Mr. Seddik Benhamida
703-414-4082

Control Systems Society (W)

Dr. Haik Biglari, P.E.
301-228-3538
hbiglari@comcast.net

Education Society (NV/Central VA/Hampton Roads/Richmond)

Ms. Jennifer Polack-Wahl
40-654-1318
polack@umw.edu

Education Society (W/Balto.)

Dr. Charles Kim
202-806-4821
ckim@howard.edu

Electromagnetic Compatibility Society (W/NV)

Mr. Greg Snyder
301-417-0220
gregs@wll.com

Electron Devices Society (NV/W)

Dr. Dimitrios E. Ioannou
703-993-1580
dioannou@gmu.edu
www.ieee.org/eds_nova

Engineering in Medicine and Biology Society (W/NV)

Mr. Jeff Poston
703-983-7020

Engineering Management Society (W/NV)

Mr. Doug Holly
240-404-1601
dougholly@ieee.org

Geoscience and Remote Sensing Society (W/NV)

Dr. James C. Tilton
301-286-9510
james.c.tilton@nasa.gov
http://ewh.ieee.org/r2/no_virginia/grss

Industry Applications Society (W/NV)

Fred Pearson
571-227-3259
fred.pearson@unisys.com

Information Theory Society (W/NV)

Mr. Greg Strutt
301-645-0380
gstrutt@ieee.org
<http://ewh.ieee.org/soc/it>

Lasers and Electro-Optics Society (W/NV)

Dr. Mario Dagenais
301-405-3684
dage@ece.umd.edu
http://ewh.ieee.org/r2/wash_nova/leos

Magnetics Society (W/NV)

Dr. Can E. Korman
202-994-4952
korman@gwu.edu

Microwave Theory and Techniques Society (W/NV)

Mr. Bruce J. Levine
410-953-7549
bruce.levine@ieee.org
<http://www.ieee.org/mtt-wnva>

Nuclear and Plasma Sciences Society (W/NV)

Mr. Harry Sauberman
301-443-8879
hsauberman@ieee.org

Oceanic Engineering Society (W/NV)

Mr. Mike Goldberg
703-610-1717
mgoldber@noblis.org

Power Engineering Society (NV/W)

Mr. Jeff McWhirt
703-983-1410
jmcwhirt@mitre.org

Reliability Society (W/NV)

Mr. Dev Raheja
301-483-4525

Robotics and Automation Society (W)

Dr. Raj Madhavan

301-975-2865

raj.madhavan@ieee.org

<http://ewh.ieee.org/r2/washsec/ras>



Signal Processing Society (NV)

Dr. Timothy Settle

703-814-8247

settlet@saic.com

http://ewh.ieee.org/r2/no_virginia/sps/

Signal Processing Society (W)

Dr. Min Wu

301-405-0401

minwu@umd.edu

Society for Social Implications of Technology (NV/W/Bal)

Ms. Tesa Leon

202-326-6582

t.leon@ieee.org

Vehicular Technology Society, Land Transportation Committee

Mr. Karl W. Berger, P.E.

703-803-7917

kwb@dcm-va.com

www.ieee.org/dc-ltc

Southern Maryland Communication, Computer and EMC Chapter

Mr. Fred Heather

301-342-6975

heatherf@navair.navy.mil

IEEE Affinity Groups

Graduates of the Last Decade (NV)

Dr. Van Le

703-963-2966

vanble@ieee.org

http://ewh.ieee.org/r2/no_virginia/NovaGOLD

Life Members (W/NV)

Mr. Amarjeet S. Basra

703-324-2821

amarjeet.basra@ieee.org

National Capital Area Consultants' Network (W/NV)

Ms. Monica A. Mallini, P.E.

703-765-6303

m.a.mallini@ieee.org

Women in Engineering (W/NV)

Ms. Katie Schaffold

katie.schaffold@yahoo.com

www.ieee.org/wie_wash

Affiliates / Liaisons

Northern Virginia / Washington

- **District of Columbia Council of Engineering and Architectural Societies (DCCEAS)**
 - Vinod Mishra (Secretary)
- **Washington Academy of Sciences**
 - Gerry Christman (VP Admin_
 - Murty Polavarapu (VP Membership)
 - Paul Hazan (VP Junior Academy)
- **Virginia Coordinating Council**
- **Northern Virginia Technology Council**
- **Maryland High Technology Council**

Major Conferences in South Area

- GlobeCom 2007 (co-sponsored by all three Sections)
 - General Chair Jerry Gibbon assisted by an enthusiastic team of local volunteers

Expert Now Usage

- The Baltimore COMSOC and Signal Processing Society held a joint meeting in late 07 using the Expert Now, presentation as the focus of the meeting. The topic was IMS.

Baltimore Pre-College Activities

- Robot Challenge
 - Paper judging on 7 April and the oral presentation and track runs the weekend of 12/13 April
- TISP Implementation
 - We have had one presentation at the TEAM Expo at the Baltimore Museum of Industry.
 - There has been one in-class presentation in Baltimore County.
 - We are scheduled for 5 March at Meade Middle School
 - Bill Semancik to attend a Howard County half day conference on STEM education and make them aware

Washington / NoVa Pre-College Activities

- Joint Activities with Washington Academy of Sciences (Wash/ Paul Hazan)
- Future City sponsorship (Wash)
- FIRST Robotics (NoVa)
- Engineers Week Family Day at Building Museum (Wash/NoVa)



**Family Day at National Building Museum
- IEEE-USA Booth**

Maryland Sales Tax on Computer Services

- Baltimore Section
 - keeping members informed as to the situation through the newsletter. Bill Semancik in contact with the Greater Baltimore Tech Council, Anne Arundel Tech Council, and one of the local VC's on trying to coordinate activities.
- Washington Section
 - heard back from one state congressman who said he favored our position. Also that the measure has not gone forward to tax IT just yet (Gerry Christman)

How can we help meeting organizers?

- “Meeting Management Tool”
 - RSVPs
 - Ability to ‘click and add to calendar’ for meeting notices on the web
- Florida West Coast Section Example

Mandatory Standards for the Nation's Bulk Power



Speaker: *Gerry Cauley,*

President and CEO of the SERC Reliability Corporation

Date: Friday, April 27, 2007

Time: 12 Noon - 1:30 pm (Lunch Included – Reservation Required)

Location: Florida Reliability Coordinating Council (FRCC)

1408 N. Westshore Boulevard, Suite 1002

Tampa, Florida 33607-4512

Cost: \$10 Members, \$15 Non-Members, Student Members \$5

RSVP: Online at: <http://time2meet.com/fwcs-pes1/index.html>

Make checks payable to: IEEE FWCS

Reservations by

Time2meet

Enforcement of Mandatory Standards for the Nation's Bulk Power System.



Friday, April 27, 2007 at Noon – 1:30 PM

Meeting Description

Date: Friday, April 27, 2007

Time: 12 Noon (Lunch Included – Reservation Required)

Speaker: Gerry Cauley, Vice President and Director of Standards of the SERC Reliability Corporation

Location: Florida Reliability Coordinating Council (FRCC)
1408 N. Westshore Boulevard
Suite 1002
Tampa, Florida 33607-4512

Cost: \$10 Members, \$20 Non-Members, Student Members \$5

RSVP: Online at: <http://www.ewh.ieee.org/r3/floridawc/> (Select Reservations)
Make checks payable to: IEEE FWCS

Questions: Tom Blair at 813-228-1111, ext 34407 or tblair@tecoenergy.com

Make a Reservation

View Attendee List

Cancel a Reservation

View Cancel List

Help

Section Needs

- Ability to accept credit cards
- Concentration banking – direct imports to Quicken
- Additional Financial Management training

Thank you!



IEEE

***Special Thanks to all of our
Volunteers***