

*Technology for the Golden Years*  
*Leading an Independent Life in the 21<sup>st</sup> Century*



**WELCOME**



*Technology for the Golden Years*  
*Leading an Independent Life in the 21<sup>st</sup> Century*

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**Symposium Executive Team:**

**Jeff Poston, Paul Otto, Debi Siering**

**Symposium organized by :**

**The IEEE-Wash DC /NOVA EMBS**

**. . . and many volunteers**

**Sponsored by :**

**IEEE Washington D.C. Section**

**IEEE Northern Virginia Section**

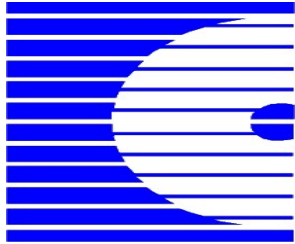
**U. of Maryland (ISR & IEEE Student Chapter)**

# What is the IEEE?

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- With over 375,000 members the Institute of Electrical and Electronics Engineers (IEEE) is the leading professional technical organization
- IEEE has:
  - Nearly 1,300 standards projects
  - 1.7 million documents
  - Job search help and career mentoring
  - Local technical presentations, tours, and social events

# 2008 Spring Symposium Sponsors & Cosponsors



Communications Society



Engineering Medicine & Biology



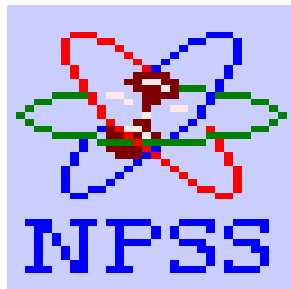
Reliability Society



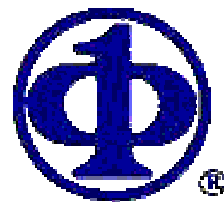
Signal Processing



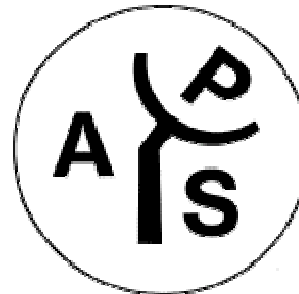
Robotics and Automation Society



Nuclear & Plasma Sciences



Computer



Antennas & Propagation



Information Theory Society

# Snapshot of Local Events

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Monday May 12	<b>New!</b> <a href="#"><u>Using Brain Waves to Link Thoughts and Action</u></a>
Tuesday May 13	<b>Updated!</b> <a href="#"><u>The Air Interface for Sprint WiMax from an Operations Perspective</u></a>
Wednesday May 14	<a href="#"><u>Northern Virginia Section Administrative Committee Meeting</u></a>
Thursday May 15	<b>New!</b> <a href="#"><u>Positive Train Control: A Regulatory Perspective</u></a>
Thursday May 15	<b>New!</b> <a href="#"><u>Arc Flash Hazards: A Reality Check</u></a>
Tuesday May 20	<a href="#"><u>Design for Reliability: Uncovering Elegant Solutions</u></a>
Tuesday May 27	<a href="#"><u>Protecting Your Business from Liability</u></a>
Tuesday May 27	<a href="#"><u>An SQA Sojourn: Lessons Learned from 6 Appraisals</u></a>

# Symposium Agenda

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- Introductions
- 9:20 Dr. Christensen
- 10:30 Dr. Spletzer
- 11:45 Lunch (ISR student demo)
- 12:45 PM Ms. Crump
- 1:45 Dr. Gupta
- 2:45 Dr. Carignan
- 3:45 Door Prizes & Closing Remarks

# Links for More Information

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- Local EMBS chapter
  - [http://ewh.ieee.org/r2/no\\_virginia/embs/](http://ewh.ieee.org/r2/no_virginia/embs/)
- Global EMBS
  - <http://embs.gsbme.unsw.edu.au/>
- Washington area IEEE
  - <http://ewh.ieee.org/r2/capitalarea/eSCANNER>
- IEEE
  - <http://www.ieee.org>