

## Meeting Report of the IEEE EMCS Chapter, Pittsburgh Section, Region 2

A meeting of the Pittsburgh EMC Society Chapter was conducted on October 25, 2007 at the Westinghouse Energy Center in Monroeville, PA. Michael Oliver, IEEE EMCS Chapter Chair and Harry Godlewski, Vice Chair hosted the meeting with 12 IEEE members. The meeting started with a social prior to a technical presentation. We had the privilege of having Steven Ferguson as our technical speaker; Steven is the Vice President of Operations with Washington Labs.

Initial Discussions encompassed EMC job openings from two recruiting companies: Enlow & Associates Inc. are offering a Business Development Director position for an Avionics company located in California; those interested should contact Peggy Granigan at [peggy@enlowinc.com](mailto:peggy@enlowinc.com). HBE Corporation is offering an Electrical Project Engineering position for a health care company located in St. Louis, Missouri; those interested should contact Karen Dulatt at [kdulatt@hbecorp.com](mailto:kdulatt@hbecorp.com). The up-coming technical presentation agenda and an introduction of Mr. Steven Ferguson was then announced.

In Stevens' career, he has worked on the space shuttle, Hubble telescope, and many other high profile jobs performing and/or coordinating EMC testing. The technical presentation by Steven is titled "MIL-STD-461E (F) Requirements and Techniques". This presentation is based upon the military standard and its new requirements along with expert product testing experience that Steven brings to his audience. Steven discussed EMC testing per MIL-STD-461E with emphasis on requirements for documentation (the DIDs), instrumentation, and preparing the test article. A brief review of each test method was included along with tailoring for the unusual test. This is helpful to the test engineer to enable better understanding of the test data. In addition, the design engineer will understand what will happen to his product during the testing. MIL-STD-461, revision F is tentatively scheduled for release near the end of October; the presentation included these proposed changes in comparison to revision E.

About the author: As the Vice President of Operations, Steve Ferguson is responsible for the day-to-day testing and engineering activities at Washington Labs. He also prepares control plans, test plans, and test reports to guide the design from concept to qualification test acceptance for DoD and commercial programs. He has over 28 years of experience in the EMC area with prior management positions for US Government and commercial electronics manufacturers. At times he can be found in the laboratory or on-site performing a test and presents a hands-on course for testing per MIL-STD-461



**2007 IEEE EMCS Chapter Meeting, Pittsburgh Section  
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**Good Food**



**A Well Deserved Plaque Presented  
to Steven Ferguson**

**ON BEHALF OF ALL OF US IN PITTSBURGH PA,  
“THANK YOU STEVEN FERGUSON FOR YOUR CONTRIBUTION TO OUR  
EMCS PITTSBURGH CHAPTER”**