

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

The two-day inaugural meeting of the newly formed Pittsburgh EMC Society Chapter was conducted on January 31, 2006 and February 1, 2006 at the Westinghouse Energy Center in Monroeville PA. Michael Oliver, IEEE EMCS Chapter Chair hosted the meeting along with Vice-Chair Harry Godlewski. The EMCS Chapter would like to thank Kalyan Sen, PhD for his expert advice and continued chapter coordination and support. The inaugural meeting started with a social prior to the technical presentation. We had the privilege of having Elya Joffe from K.T.M. Project Engineering, Israel the VP for Member Services of the EMC Society of the IEEE as our technical speaker and Richard Ford from the US Navy, Washington DC as the “Chapter Angel” in attendance among the 40 plus attendees.

Discussions on the first day of the inaugural meeting encompassed the role of “Chapter Angel” presented by Richard Ford, and a technical presentation by Elya Joffe on Frequently Asked Questions About EMC. The EMC relevant presentation described issues relating to decoupling strategies, PCB layout, enclosure shielding, and ground loops. The second day of the inaugural meeting focused on two presentations by Elya Joffe. The first, Path of Least Inductance Principal described issues relating to frequency and single point or multi-point grounding, when to ground a shield at both ends or at only one, and how return current flows on a PCB not always taking the shortest path. Elyas’ second presentation Electropobia or Why Are People Really Scared of EM Fields described the history of EMF usage, the evolution of EMR standards - from the turn of the 20th century to date, and the evolution of public response to EMF and its usage. The talk addressed this controversial issue from a user’s point of view concerning the sources of fear, facts, fallacies, and the risk in risk research. The presentations were very well received by all. In addition, the attendees received handouts of the presentations. Many students from Geneva College attended. Matthew Kennedy, Geneva IEEE President stated, “Events like this one are a great opportunity for upperclassmen to meet professionals, and good for attracting underclassmen to the IEEE”.



From Left to Right: EMCS Chapter “Angel” Richard Ford, Past Pittsburgh Section Chair Dr. Kalyan Sen, Distinguished Lecturer Elya Joffe, Pittsburgh EMCS Section Chair Michael Oliver, and Vice-Chair Harry Godlewski

**2006 IEEE EMCS Chapter, Pittsburgh Section, Inauguration Meeting
January 31, 2006 and February 1, 2006**



Our IEEE EMCS Pittsburgh Group



Good Food

**A Well Deserved Plaque Presented
to Elya Joffe**

**ON BEHALF OF ALL OF US IN PITTSBURGH PA,
“THANK YOU ELYA JOFFE AND RICHARD FORD FOR YOUR
CONTRIBUTION TO OUR NEWLY FORMED EMCS CHAPTER”**

Pittsburgh EMCS Future Presentation schedule:

May 2006 – EMC an Overview by Harry Godlewski

July 2006 – EMI for Working Engineers and The “Ground” Myth by Dr. Bruce Archambeault

September 2006 – The New EU EMC Directive by Gary Fenical

October 2006 – Testing for EMC Compliance by Ed Nakauchi