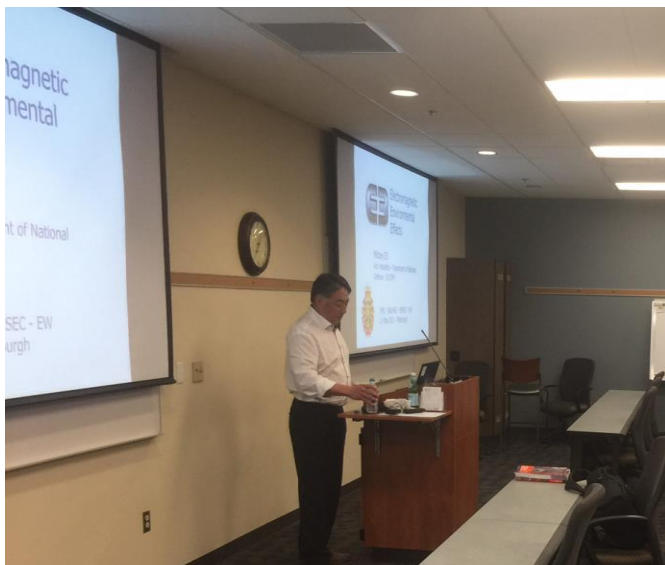


## Meeting Report of the joint IEEE EMC and PES/IAS Chapters, Pittsburgh Section, Region 2

A technical meeting/presentation for the joint Pittsburgh EMC Society Chapter and Power & Energy/Industry Applications Chapters was conducted on Thursday May 11, 2017 at the Westinghouse Headquarters, Cranberry PA. Michael Oliver, IEEE EMCS Chapter Chair and David Vaglia, Power & Energy/Industry Applications Past Chapter Chair hosted the meeting with 25 persons in attendance. The meeting started with a social/dinner prior to a technical presentation. We had the privilege of having Kris Hatashita as our technical speaker; Kris is an IEEE Distinguished Lecturer, a Lecturer at the Canadian Forces School of Communication, and Electronics College in Kingston at the Royal Military. He is also a consultant to the Canadian Department of National Defense for the Army Communications Group. Kris was on the EMCS Board of Directors from 2014-2015 and was the General Chairman of the 2016 EMC Symposium in Ottawa.

While working for Garrett Aerospace, Kris was selected to undergo training through CSE in the joint Canada-US Industrial TEMPEST Program. Kris is a Certified TEMPEST Professional – Level II by the United States National Security Agency. Kris Hatashita has a Bachelor of Science in Physics and has been an EMC professional for thirty years working for industry and government organizations as an EMC subject matter expert. His list of clients includes General Dynamics Canada, The Royal Canadian Mounted Police, Lockheed Martin Canada, The Canadian Parliament and The Communication Security Establishment Canada.



**IEEE EMC CHAPTER and the POWER & ENERGY/INDUSTRY  
APPLICATIONS CHAPTER, Pittsburgh Section  
MAY 11, 2017**

At the meeting, discussions encompassed facility safety, fire exits, and future IEEE meetings by David Vaglia. The up-coming technical presentation was discussed and an introduction of Kris Hatashita was done by Mike Oliver. The technical presentation by Kris Hatashita is titled “Electromagnetic Environmental Effects in the Military”. The presentation focused on Military electromagnetic compatibility (EMC) and that it is a matter of life and death as modern war-fighters rely on the safe, secure and reliable functioning of their electronic devices. Military EMC includes electronic interoperability that are seldom or never considered in the commercial realm. The talk presented technical details of EMC consideration in tactical and strategic military operations. The topics discussed included: hazards of electromagnetic radiation to ordnance (HERO), electromagnetic data security (EMSEC), counter improvised explosive device (CIED) EMC issues and first-hand experiences of work done in the Afghan theatre.



**Good Food**



**A Well Deserved Plaque Presented  
to Kris Hatashita**

**ON BEHALF OF ALL OF US IN PITTSBURGH PA,  
“THANK YOU KRIS HATASHITA FOR YOUR CONTRIBUTION TO OUR  
EMCS PITTSBURGH CHAPTER and POWER & ENERGY/INDUSTRY  
APPLICATIONS CHAPTER”**

**Pittsburgh EMCS Future Presentation 2017 schedule, September 2017 (Proposed): “Everything you don't know about lightning...and nobody else does either”**