



IEEE KW Section



IEEE Aerospace & Electronic Systems Society (AEES)

**ADVANCES IN:
MARITIME DOMAIN AWARENESS AND AIR TRAFFIC
CONTROL TECHNOLOGIES AT RAYTHEON CANADA**

**Dr. Craig Schneider
Technical Director and R&D Manager
Raytheon Canada, Waterloo, ON**

Date: Nov. 5, 2009

Time: 14:30

Location: Davis Center 1304, University of Waterloo

Abstract: Throughout the long history of radar, Raytheon Company has been a major player in the development of Radar technology. This lecture will highlight recent advances in Air Traffic Control and Surface Wave radar at the Raytheon Waterloo facility.

Craig Schneider: Craig Schneider is the Site Technical Director at Raytheon Canada Waterloo. In this capacity, his responsibilities include the specification and management of all Research and Development activities at the site. Dr. Schneider holds a B.A.Sc. (Chemistry) degree from Queen's University as well as the M.E. Sc. and Ph. D. degrees (Electrical Engineering) from the University of Western Ontario. He is a past recipient of the NSERC Industrial Postdoctoral Fellowship and has published numerous articles in over 25 years of technical and management positions in industry.

Raytheon Company, with 2008 sales of \$23.2 billion, is a technology and innovation leader specializing in defense, homeland security and other government markets throughout the world. With headquarters in Waltham, Mass., Raytheon employs 73,000 people worldwide. Raytheon Waterloo is the company centre of excellence for both Air Traffic Control Primary Surveillance Radar and High Frequency Surface Wave Radar. Raytheon has the largest installed commercial base of these radar technologies in the world.

Invited by R. Dizaji, dizaji@ieee.org