

Seminar on

A 40-Year Antenna Odyssey

By

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Abstract

The experience and knowledge obtained over 40 years from a practitioner in the art of antenna design will be presented. The talk will cover the development, design and test of space-based, air-borne, ship-borne and terrestrial-based antenna systems. They range from 32-meter ground station to millimeter wave antenna for inter-satellite link, from space-borne synthetic aperture radar antenna to ship-based multi-function radar phased array and land based WLAN low profile arrays. Ultra-wide band spectrum surveillance and direction finding arrays to wide angle scanning broadband SATCOM-on-move arrays will also be discussed.

Biography

From 1973 to 1974, Dr. Chan was a post-doctoral fellow at the Canadian Center for Remote Sensing in Ottawa developing a C-band scatterometer. From 1974-1982, he worked at Spar Aerospace (now MDA) in Montreal developing, designing and testing antenna systems for eight different international and domestic communication satellites as well as twelve Intelsat ground stations around the world. In 1982 he started Chan Technologies Inc., an antenna consulting company based in Brampton, Ontario. Since then, he has performed consulting, design and development work in antenna and microwave systems for thirty-four different organizations and agencies in North America, Europe and Asia.

Date : 20 March 2014 (Thursday)
Time : 03:00 p.m. - 04:00 p.m.
Venue : Room 15-202, Meeting room of State Key Laboratory of Millimeter Waves,
15/F, Academic 3, City University of Hong Kong

***** All Are WELCOME *****

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