

SEMINAR ANNOUNCEMENT

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING
COLLEGE OF DESIGN AND ENGINEERING

Website: <https://cde.nus.edu.sg/ece>

Area: Microwave & Radio Frequency

Host: Professor Guo Yong Xin

Technical Seminar Co-Organized by

IEEE Singapore MTT/AP chapter and the Department of ECE/NUS

TOPIC	:	Radio Frequency Structures for Sensing, Communications, and Energy Applications
SPEAKER	:	Professor Boon-Chong Seet Auckland University of Technology, New Zealand
DATE	:	Wednesday, 28 December 2022
TIME	:	2:30PM to 3:30PM
VENUE	:	E3-06-01 College of Design and Engineering, NUS

ABSTRACT

This seminar aims to introduce the research activities of the Radio and Sensor engineering group within the Centre for Wireless and Intelligent Systems Engineering (WISE) at Auckland University of Technology, New Zealand. The group has been active in the research and development of radio frequency (RF) structures for a wide range of applications, with a focus on antennas and metasurfaces operating from microwave to THz frequencies. The seminar presents an overview of selected works in this area, including RF structures for sensing objects, human, and environment; for enhancing wireless communications; as well as for RF energy transfer and harvesting

BIOGRAPHY



Boon-Chong Seet received his PhD from Nanyang Technological University, Singapore. He then joined the National University of Singapore as a Research Fellow under the Singapore-MIT Alliance (SMA) programme. Since 2007, he has been with Auckland University of Technology, New Zealand, where he currently heads the EEE Department and directs the Centre for Wireless and Intelligent Systems Engineering (WISE). He has been promoted to full professor from 2023. His research activities span the fields of info-communication technologies (ICT), including antennas and metasurfaces for various applications. He is the recipient of three Best Paper awards and a Senior Member of IEEE.

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