

SEMINAR ANNOUNCEMENT

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Faculty of Engineering

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Area: Microwave & Radio Frequency

Host: Prof Guo Yongxin

**Technical Seminar Co-Organized by
IEEE EMC Singapore Chapter and the Department of ECE/NUS**

TOPIC	:	AN ENGINEER'S INTRODUCTION TO CLASSICAL MUSIC APPRECIATION
SPEAKER	:	Professor Kai-Fong Lee, Dean Emeritus, School of Engineering, Professor Emeritus, Electrical Engineering, The University of Mississippi, Honorary Professor, Department of Electronic Engineering, City University of Hong Kong
DATE	:	7 November 2019, Thursday
TIME	:	4pm to 5.30pm
VENUE	:	E4-04-03, Engineering Block E4, Faculty of Engineering, NUS

ABSTRACT

The purpose of this talk is to introduce the wonderful world of classical music from a personal perspective. The talk begins with three questions: Why does the speaker, an engineering educator, want to talk about music to an engineering audience? What is classical music? Is classical music boring? After addressing these questions, the speaker's first encounter with classical music is described, followed by a summary of the various forms of compositions and brief comments on some major composers. The various human emotions conveyed in classical music, such as joyful, melancholy, patriotic, longing/homesick, heroic, religious, romantic love, etc. are illustrated, using excerpts from various compositions, which are played directly from recordings. After demonstrating the contrast between folk songs and operatic arias, the talk proceeds with suggestions for beginners, and ends with some concluding remarks. Homework assignments are offered for those interested, as well as reference materials for further exploration.

BIOGRAPHY

Kai Fong Lee received his B.Sc. and M.Sc. from Queen's University, Canada, and his Ph.D. from Cornell University, all in electrical engineering. He is Dean Emeritus, School of Engineering at the University of Mississippi, where he served from 2001 to 2011. His prior academic positions included the founding Head of the Dept. of Electronic Eng. at the City University of Hong Kong, Chair and LaPierre Professor of Electrical Eng. at the University of Missouri-Columbia, Chair and Professor of Electrical Eng. at the University of Toledo, Ohio, and Reader in Electronics at the Chinese University of Hong Kong. He also held research positions at UCLA, UCSD, NASA, and several other National Laboratories in the U.S. Prof. Lee is a Life Fellow of IEEE. He received the John Kraus Antenna Award of the IEEE Antennas and Propagation Society in 2009. While his main interests since retirement in 2011 are non-engineering related, Prof. Lee had nevertheless given short courses on patch antenna designs at City University of Hong Kong in 2011 and 2015, and at National University of Singapore in 2012. He was invited to speak on the history of the development of microstrip antennas at the 2016 IEEE AP-S meeting in Puerto Rico. In 2017, he completed, with Prof. K. M. Luk and Dr. H. W. Lai, the second edition of the book "Microstrip Patch Antennas". In April 2018, he was invited to serve as a member of the International External Review Committee on Electronic Engineering of Tsinghua University.

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