



Machines Are Listening - Technologies Inside and Beyond Siri (E3AIG001T)

Introduction

Listening and talking are the primary means of human-human communication. Automatic speech recognition (ASR) technology enables computers to listen to and understand human speech. It is regarded as one of the most advanced artificial intelligence functions. The development of ASR technology requires knowledge of physics, linguistics, statistics, computing algorithms, psychology, etc. In this talk, we introduce the working principles of an ASR system, explain the design of well-known systems like Siri, and discuss the technology trend and new applications.

The speaker, Prof Tan Lee, is an Associate Professor in Department of Electronic Engineering and the Director of Digital signal processing and Speech Technology Laboratory at The Chinese University of Hong Kong (CUHK). Tan Lee has been working on speech and language related research for over 20 years. His research interests cover ASR and text-to-speech systems, speech and language rehabilitation technology, and music information processing. This talk is co-organised with Department of Electronic Engineering, CUHK.

Programme Type

Artificial Intelligence Talk (Level III) ([NON Token-required](#))

Speaker

Prof Tan Lee
(Associate Professor and Director of Undergraduate Studies, Department of Electronic Engineering, The Chinese University of Hong Kong)

Target Participants

- S1 – S6 HKAGE student members only in 2020/21 school year
- Class size: 50
- * *First-come, first-served*

This programme is the same as Introductory Talk in Technology: Machines Are Listening - Technologies Inside and Beyond Siri (TECT1461) in 2019/20 school year.

Language

Cantonese

Application Deadline

16 November 2020, 12:00 n.n

Schedule

Date	5 Dec 2020 (Saturday)
Time	2:30 p.m. - 4:00 p.m. (Please arrive at 2:15 p.m. for registration)
Venue	Online Talk (Zoom Meeting)

Enquiries

For enquiries, please contact Academic Programme Development Division on 3940 0101 after language selection, press "1".