



Machines Are Listening - Technologies Inside and Beyond Siri

(TECT1461)

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 AI 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 DSP and Speech Technology Laboratory at CUHK. Tan Lee has been working on speech and language related research for over 20 years. His research interest covers automatic speech recognition and text-to-speech systems, speech and language rehabilitation technology, and music information processing. Tan Lee was a recipient of the CUHK Vice-Chancellor's Exemplary Teaching Award in 2004, and a co-inventor of the prize-winning AumeoAudio technology. This talk is co-organized with Department of Electronic Engineering, CUHK.

Programme Type

Introductory Talk in Technology ([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
- Class size: 50
- * *First-come, first-served*

Language



Cantonese

Application Deadline 2 Mar 2020, 12:00 n.n.

Schedule



Date	7 Mar 2020 (Saturday)
Time	2:30 p.m. - 4:00 p.m. (Please arrive at 2:15 p.m. for registration)
Venue	The Chinese University of Hong Kong Changed to online lecture (Details will be sent to the applicants via email)

Enquiries



For enquiries, please contact us at 3940 0101 after language selection, press "1".