



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 artificial intelligence (AI) functions. The development of ASR technology requires knowledge of physics, linguistics, statistics, computing algorithms, psychology, etc. In this talk, we will 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.

Programme Type

Introductory Talk in Technology ([NON Token-required](#))

Speaker

Dr. Tan Lee is an Associate Professor in Department of Electronic Engineering and the Director of Digital signal processing (DSP) 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 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.

Target Participants



- S1 – S6 HKAGE student members
- Class size: 50
- * *First-come, first-served*

Language



Cantonese

Application Deadline ~~5 November 2018~~ **26 November 2018**

Schedule



Date	22 December 2018 (Saturday)
Time	10:00 a.m. - 12:00 noon (Please arrive at 9:45 a.m. for registration)
Venue	Room G01, The Hong Kong Academy for Gifted Education

Enquiries



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