Area: Communications and Networks

Host: Associate Professor Vincent Tan

Lecture seminar

TOPIC	:	**Assembly Language Demystified**
SPEAKER	:	**Dr Henry Tan** **Professional Officer, ECE Dept** **National University of Singapore**
DATE	:	**Friday, 7 July 2023**
TIME	:	**10.30AM to 11.30AM**
VENUE	:	**E3-06-08** **Block E3, College of Design and Engineering, NUS** **Alternatively,** **Join Zoom Meeting:** **https://nus-sg.zoom.us/s/9839098564**

ABSTRACT

Assembly language is faster than user-oriented, high-level programming languages and it is essential in directly manipulating computer hardware, accessing specialized processor instructions, accomplishing time-sensitive missions, and evaluating critical performance issues. However, it is often deemed to be puzzling, mysterious, and associated with nerds. It does not have to be so. This teaching seminar aims to demystify assembly language by explaining what it is, why it is important, and how it works.

BIOGRAPHY

Henry TAN received his Ph.D. degree in 2015 from NUS under an A*STAR SIMTech-NUS ECE project collaboration. He has since co-lectured about a dozen of ECE and inter-departmental undergraduate courses with faculty members from ECE, Mechanical Engineering, and Computer Science departments. He was one of the team members in a team that won the Annual Teaching Excellence Award (ATEA) in the team category in 2022.

https://cde.nus.edu.sg/ece/highlights/events/