

16 August 2019, Friday
3 to 4 pm

LT 25 South Spine NTU
Block SS1-B2-01 ([map](#))

Towards Robust Machine Learning for Intelligent Transportation Systems



Prof Justin Dauwels

Director of Neuroengineering Program, School of Electrical and Electronic Engineering

Deputy Director of the ST Engineering – NTU Corporate Lab

The talk will highlight the weakness of deep learning systems, and discuss how machine learning can be made substantially more robust and intelligent in mission-critical applications such as object detection imaging and adversarial attacks in transport systems, as well as explore future research directions.

Prof Dauwels' lab focuses on algorithms for Big Data Analytics with main application domains in (a) transportation systems, and (b) human behavior and physiology. He also serves as Deputy Director of the ST Engineering – NTU Corporate Lab, which develops novel autonomous systems for airport operations and transportation. His research on intelligent transportation systems has been featured in numerous technology websites. His team collaborates intensely with local start-ups, agencies and MNCs in the field of data-driven transportation, logistics, and digital health.

FREE ADMISSION | Scan QR Code to register

Guests to be seated by 2.45 pm
Light refreshments will be served after the talk



<https://bit.ly/2ysH3xl>

Jointly organized by: