

# Joint CQSE and CASTS Seminar

Weekly Seminar  
Jun. 16, 2017 (Friday)

TIME Jun. 16, 2017, 14:30 ~ 15:30  
TITLE General-Purpose Quantum Computing and its relations to geometry, space-time and artificial intelligence  
SPEAKER Prof. Cheng Hsiao Wu  
Department of Electrical and Computer Engineering,  
Missouri University of Science and Technology  
PLACE Rm716, CCMS & New Physics Building, NTU

## Abstract

Are qubits “deadbits” for general-purpose quantum computing? Against this main-stream concept, I will describe in details a proper quantum processor (US Patent #8,525,544), anchored in cellular automaton, and its intrinsic wiring concept, the geometry implications and the space-time blocks needed for a true artificial intelligence.

