國內教授陳志強（Chi-Keung Chan）國內研究現況介紹

Introduction to Synthetic Neural Network

Abstract::

The working principle of our brain remains one of the most challenging mysteries in Science. Recent advances in technologies open the door for the studies of neurons outside their native enivironment in a Petri-dish under a microscope. In this introductory talk, we will demonstrate how individual neuron or their interactions can be studied in a physics laboratory by the use of synthetic neural networks prepared from living cells. These networks are far less complex than our brain and might provide a starting point for our ultimate understanding of our brain.