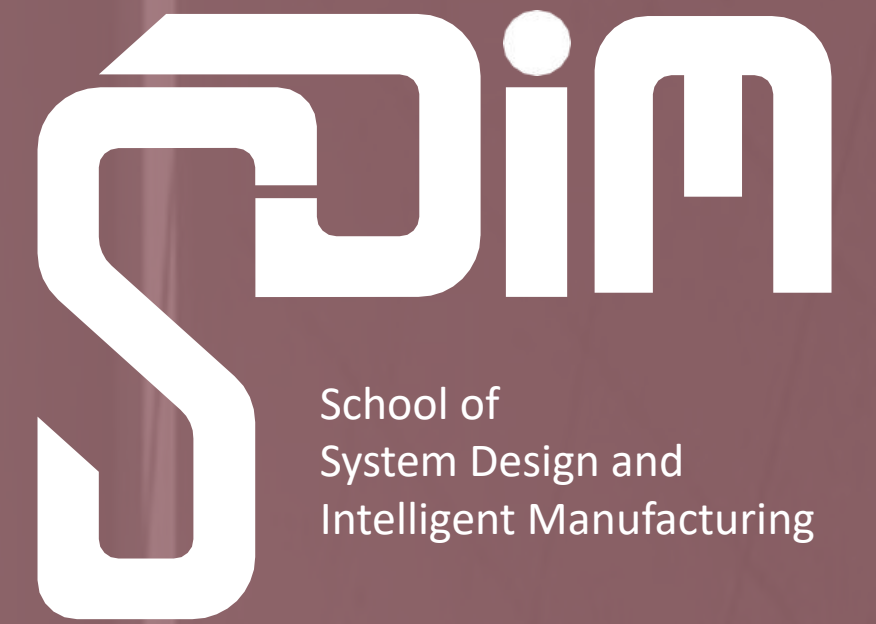


SEMINAR



DARK KNOWLEDGE

How Machine Cognition will Disrupt Business and Society?

TIME: 14:00-15:30, August 1 (Thu.), 2019

VENUE: Lecture Hall, Research Building 1

HOST: Prof. Jingshen WU, Dean of SDIM



INTRODUCTION

王维嘉博士

Dr. Victor WANG

硅谷风险投资公司 CEG Ventures 创始合伙人

中国大陆畅销书《暗知识》作者

Founding and Managing Partner of CEG Ventures Based in Palo Alto, California

Author of the best-selling book in China: <Dark Knowledge>



Scan to enroll

CONTENT ABSTRACT

In thousands-years we human had thought the “knowledge” were those could be expressed in symbols such as language, text, formulas, or computer programs. Until about 70 years ago Michael Polanyi, a Hungarian-British polymath, discovered the second type of knowledge: tacit knowledge—those you know but cannot tell, such as the knowledge of riding bike.

In the last few years, machine learning, especially artificial neural networks have discovered a third type of knowledge: Dark Knowledge—those human beings can neither perceive nor can express, due to human being’s limited capabilities in both perception and expression.

The “dark knowledge” is nothing but the hidden relationship embedded in the vast amount of data that human being may not discern. Nevertheless, these hidden relationships constitute useful knowledge that can help to improve our lives.

Dr. Wang will take you with him the journey of discovering of “dark knowledge” and share with you the significance of this discovery. He will describe how dark knowledge will disrupt all the business from finance to transportation to medicine. He will use the silicon-valley companies he invested to demonstrate the possibilities of the future. Dr. Wang will also discuss the major impact to the society such as privacy, power and wealth distribution. He will answer the ultimate concern of the AI era: will the machine eventually control human?