Title:
Intelligent Computer Vision with Deep Learning

Speaker:

賴尚宏教授 **Principal Researcher, Microsoft AI R&D Center, Taiwan**

Abstract:
In this talk, I will first give a brief introduction of computer vision and deep learning. Then, the talk will be focused on the object detection challenges and how to overcome them in the deep learning framework. Finally, I will briefly introduce Microsoft AI R&D Center in Taipei and the topics of our research directions in computer vision.

Bio:
Shang-Hong Lai received the Ph.D. degree in electrical and computer engineering from University of Florida, Gainesville. Then, he joined Siemens Corporate Research in Princeton, New Jersey, USA, as a member of technical staff. Since 1999, he became a faculty member in the Department of Computer Science, National Tsing Hua University, Taiwan, where he is currently a professor in the same department. From 2011 to 2015, Dr. Lai served as the Director of the Computer and Communication Center of National Tsing Hua University. Since the summer of 2018, he has been on leave from NTHU to join Microsoft AI R&D Center in Taipei as a principal researcher. Dr. Lai's research is mainly in computer vision and machine learning. He has authored more than 200 papers published in refereed international journals and conferences in these areas. In addition, he has been awarded around 30 patents on his researches on computer vision and medical imaging.