

HKIAS Distinguished Lecture

Data-Driven Global Pandemic Management

Professor Way Kuo

President and University Distinguished Professor
City University of Hong Kong

Date : 30 September 2020 (Wednesday)

Time : 3:00 pm - 4:30 pm

Please visit the HKIAS website at www.hkias.cityu.edu.hk to register for this online lecture via Zoom.



Abstract

Since the outbreak of Covid-19 at the end of 2019, little consolidated effort has been taken to deal with the pandemic worldwide. We discuss expected losses from pandemic outbreaks and nuclear power plant accidents, together with environmental pollution. Early simulation of possible scenarios can reduce global losses both healthwise and economically. Reliability assessment is to be learned for dealing with major global disasters.

Biography

Professor Way Kuo is a Member of US National Academy of Engineering, Academia Sinica in Taiwan, and Hong Kong Academy of Sciences.

He is renowned for his work in design for reliability, including electronics and energy systems. He was on the Senior Management team of Oak Ridge National Lab and served as Dean of Engineering at the University of Tennessee before appointed President of CityU in 2008.

Professor Kuo was the first invited foreign expert to conduct post-accident assessment on the Fukushima Power Plant after the 2011 earthquakes. He has co-authored seven academic books. In addition, his popular science book *Critical Reflections on Nuclear and Renewable Energy*, Wiley, 2013 was translated to Japanese, French, and Russian, and published in Tokyo, Paris, and Moscow, respectively. He has been invited to deliver dozens of speeches on this topic across the world.

He has served for 16 years as the Editor-in-Chief of *IEEE Transactions on Reliability*.



All are welcome

Enquiries:

Tel: 3442 6611

Email: hkias@cityu.edu.hk

Supported in part by: 光華教育基金會 Kwang Hua Educational Foundation