

KEYNOTE SPEAKER



**Jacob Chen (陳振國), Ph.D., IISE Fellow, WPSA Fellow, CIIE Fellow
President, The Foxconn University**

EDUCATION

1987	Ph.D., Industrial Engineering, University of Oklahoma
1983	M.S., Industrial Management, University of Central Missouri
1978	B.S., Biology, National Taiwan Normal University

INDUSTRY EXPERIENCE

2024-present	President, Foxconn University
2001-2023	Vice Chairman of Hon Hai/Foxconn, Board Member of Hon Hai Chairman of SMART Tech, General Manager of B Group and H Group Group Chief HR Officer, Chairman of Corporate Social Responsibility Committee CEO of Hon Hai Education Foundation

ACADEMIC EXPERIENCE

1998-2000	Professor and Dean, College of Science and Engineering, University of Texas – Pan
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American (UT-Rio Grande Valley)
1987-1998 Assistant Professor, Associate Professor/Professor and Chairman, Department of Industrial Engineering, University of Houston
1981-1982 Science Teacher, Hsi-Nan Junior School, Taichung, Taiwan, ROC
1978-1979 Science Teacher, Xin-Zhong Junior School, Taichung, Taiwan, ROC

HONORS

2007 Fellow, Institute of Industrial and System Engineers (IISE)
2006 Fellow, World Productivity Science Academy (WPSA)
2006 Excellence in Productivity Improvement Award, IISE
1995 Outstanding Overseas Chinese Award, Taiwan, ROC

TOPIC

The Journey of Accelerating Imagination in the Era of AI and Digital Transformation (AI 與數位轉型世代的加速想像力之旅)

Abstract: Hon Hai/Foxconn is a global leader in electronic product design and manufacturing services, with a market share of 46.1% in the EMS sector. The speech will reflect on my work in the 1980s and 1990s at the University of Houston, focusing on teaching, research, and academic services related to expert systems and lean transformation. It then introduces the evolution of Foxconn's integration model of lean and digital transformation, emphasizing talent development and practical applications. The paper further explores Foxconn's smart manufacturing, intelligent electric vehicle (EV), and smart city platforms. It highlights Foxconn's comprehensive AI strategy, including the Genesis Intelligent Manufacturing Platform and its applications. Additionally, I will also discuss the key technologies and maturity evaluation systems of smart factories and WEF (World Economic Forum) Lighthouse factories, key components of Foxconn's advanced manufacturing. I will then introduce Foxconn's on-line training platform (富學寶典) to conclude my speech.

ABOUT THE SPEAKER

陳振國博士現任富士康大學校長.曾任鴻海董事, 集團副總裁, SMART Tech 董事長,集團總人資長,B次及 H次集團總經理,鴻海教育基金會 CEO,集團 SER 委員會主委等職位.榮獲 WPSA Fellow, IISE Fellow, CIIE Fellow,及 IISE Excellent in Productivity Improvement Award.曾任德州大學泛美分校 (現改名 UT-Rio Grande Valley) 理工學院院長,休斯頓大學工業工程系教授兼系主任,任清華、華中科大等多所高校客座教授.

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