



## 張禎元

### 機械與機電系統研究所所長

張禎元博士 (Jen-Yuan Chang) 現任工研院機械與機電系統研究所所長，同時為國立清華大學動力機械工程學系清華講座教授。他專長於智慧機電系統、機器人、智慧製造、精密機械、動態系統與控制等領域，長期推動台灣智慧機械與先進製造技術發展。

張博士畢業於美國卡內基美隆大學機械工程博士與碩士，並取得國立中央大學機械工程學士。他曾任工研院技術長、國立虎尾科技大學副校長兼講座教授、美國 IBM 與 Hitachi GST 研發工程師與科學家、美國空軍研究實驗室訪問教授等職務，具備深厚的國際產業與學術經驗。

他獲得多項國內外重要榮譽，包括 ASME Fellow、英國皇家航空學會會士、國際工程院通訊院士、科技部傑出研究獎、國立中央大學傑出校友等，並發表超過 200 篇國際論文與取得 30 多項專利。

Dr. Jen-Yuan Chang is the Director of the Mechanical and Mechatronics Systems Research Laboratories at the Industrial Technology Research Institute (ITRI) and a Tsing Hua Distinguished Chair Professor in the Department of Power Mechanical Engineering at National Tsing Hua University. His expertise spans intelligent mechatronic systems, robotics, smart manufacturing, precision machinery, vibration, dynamics, and control. He is a leading figure in advancing Taiwan's intelligent machinery and advanced manufacturing technologies.

Dr. Chang received his Ph.D. and M.S. degrees in Mechanical Engineering from Carnegie Mellon University and his B.S. degree from National Central University. He previously served as Chief Technology Officer at ITRI, Vice President and Chair Professor at National Formosa University, R&D engineer and scientist at IBM and Hitachi GST in the United States, and Visiting Professor at the U.S. Air Force Research Laboratory.

He has received numerous prestigious honors, including ASME Fellow, Fellow of the Royal Aeronautical Society (RAeS), Corresponding Member of the International Academy of Engineering, Outstanding Research Awards from Taiwan's Ministry of Science and Technology, and Distinguished Alumnus of National Central University. He has published over 200 international papers and holds more than 30 patents.