簡禎富現任國立清華大學清華講座教授兼執行副校長、國科會人工智慧製造系統（AIMS）研究中心主任、國立清華大學智慧製造與循環經濟校級研究中心主任、臻鼎科技-清華大學聯合研究中心主任、國立清華大學 智慧製造跨院高階主管碩士在職專班（AIMS Fellows）主任、亞太工業工程與管理系統學會(APIEMS)理事長、財團法人梅貽琦先生紀念學術基金會董事長、財團法人月涵文教基金會董事長、國立清華大學校友總會秘書長、國立清華大學藝文總中心主任，以及 IC 之音竹科廣播電台「藍湖策略·數位轉型」節目主持人。深耕決策分析、大數據分析、半導體製造、智慧製造，透過產學合作研究創造具體價值。曾任國科會工業工程與管理學門召集人、國立清華大學主任秘書、首任產學合作執行長、清華-台積電卓越製造中心主持人，於 2005-2008 年間借調至台積電擔任工業工程處副處長，也是台灣首批美光講座教授（Micron Chair Professor）。全球前 2%頂尖科學家，發表超過 220 篇學術期刊論文(Google 論文總引用 11172 次，H-index 53)，榮獲 IEEE Trans. on Semiconductor Manufacturing 2015 年最佳論文獎、IEEE Trans. on Automation Sciences & Engineering 2011 年最佳論文獎，取得 24 項智慧製造發明專利，榮獲頂級學術期刊 Nature 專訪報導 (2020, Vol.577)。

Dr. Chen-Fu Chien is Executive Vice President, National Tsing Hua University (NTHU) and Tsinghua Chair Professor in the Department of Industrial Engineering & Engineering Management, NTHU, Taiwan. He is the President of Asia Pacific Industrial Engineering & Management Systems Society (APIEMS) and Director of Artificial Intelligence for Intelligent Manufacturing Systems (AIMS) Research Center that is one of four national AI centers sponsored by National Science and Technology Council (NSTC), Taiwan. He is also the Director of Zhen-Ding Tech & National Tsing Hua University Joint Research Center. He had served as the Director for the NTHU-TSMC Center for Manufacturing Excellence in NTHU, the first Micron Chair Professor in Taiwan sponsored by Micron Technology, USA and the Convener for Industrial Engineering and Management Program, NSTC, Taiwan. He received B.S. with double majors in Industrial Engineering and Electrical Engineering with the Phi Tao Phi Honor from NTHU in 1990. He received M.S. and Ph.D. of Decision Sciences and Operations Research at the University of Wisconsin-Madison in 1994 and 1996 respectively, then received the Executive Training of PCMPCL from Harvard Business School in 2007. His research mainly concerns the development of digital decision technologies, big data analytics, and multi-objective optimization methodologies for better analytical solutions for high-tech companies confronting with multi-objective decision problems involved in strategy, manufacturing, and technology that are characterized by uncertainty with massive data and a need for tradeoff among various objectives and justification for the decisions. Dr. Chien and his Decision Analysis Lab (DALab) Associates have conducted many university-industry collaborative research projects with domain experts. From 2005 to 2008, he had been on-leave to serve as the Deputy Director of Industrial Engineering Division in TSMC. Dr. Chien

is world Top 2% scientist, who has 24 invention patents for intelligent manufacturing and published more than 220 journal papers (google citations 11079, H-index 52) and received the 2011 IEEE Trans. on Automation Sciences and Engineering Best Paper Award and the 2015 IEEE Trans. on Semiconductor Manufacturing Best Paper Award.