

## 國立清華大學第7屆傑出產學研究獎得獎人簡介

陳建良博士為國立清華大學工業工程與工程管理學系教授，同時也是國立台灣大學工業工程研究所兼任教授和中國工業工程學會理事。任職於清華大學前，曾任國立台灣科技大學工業管理系教授與講座教授、中原大學工業與系統工程系教授，也曾於工業技術研究院擔任研究員。他畢業於國立清華大學工業工程系，並赴美國威斯康辛大學麥迪遜分校獲得製造系統工程碩士與工業工程博士。

陳教授的研究領域包括精實生產、智慧製造、企業流程再造、供應鏈管理、專案管理和系統模擬，長期與高科技產業包括半導體製造業、TFT-LCD 製造業、電子組裝業、傳統製鞋和成衣業進行產學合作，跨足台灣、中國、印度、印尼、越南、柬埔寨和斐濟。陳教授幫助數十家公司執行超過 200 個專案，內容包含精實生產、自動化整合、企業電子化和智慧製造，顯著提升生產力與競爭力。

陳教授曾發表超過 100 篇學術論文，近半數發表於 SCI 期刊，包含 European Journal of Operational Research, European Journal of Industrial Engineering, International Journal of Management Science (Omega), International Journal of Production Research, Computers and Industrial Engineering, Applied Mathematical Modeling, Soft Computing, Journal of Intelligent Manufacturing, Journal of Manufacturing Systems, Journal of Cleaner Production, International Journal of Computer Integrated Manufacturing, Journal of Statistical Computation and Simulation, Engineering Optimization, Journal of the Society for Information Display, Displays, Production Planning and Control, Journal of Biomedical Informatics, Simulation Modelling Practice and Theory, Expert Systems with Applications, Total Quality Management & Business Excellence, International Journal of Industrial Engineering: Theory, Applications and Practice, and International Journal of Advanced Manufacturing Technology。此外，陳教授亦發表超過 200 篇國際研討會論文。

陳教授在清華大學就讀時曾榮獲梅貽琦校長紀念獎學金，在美國威斯康辛大學就讀時曾榮獲 IBM Manufacturing Research Graduate Fellowship。也榮獲中國工業工程學會工業工程獎章、國立清華大學傑出產學研究獎、國立清華大學工學院傑出產學研究獎、國立清華大學智財商化績優教師、國立台灣科技大學傑出研究獎、中原大學教學優良教師、印尼峇里島工業工程與作業管理國際研討會傑出教育學者獎，也曾多次於國際研討會獲得最佳論文獎並接受國科會(科技部)工程科技通訊 117 期人物專訪「樂在其中的國際產學之路：陳建良教授」。

James C. Chen is Professor in the Department of Industrial Engineering and Engineering Management at National Tsing-Hua University (NTHU), Taiwan. He is also Adjunct Professor of the Institute of Industrial Engineering at National Taiwan University (NTU), Taiwan and is a Board Member of Chinese Institute of Industrial Engineers (CIIE). Prior to his current position, he was Chair Professor in the Department of Industrial Management at National Taiwan University of Science and Technology (NTUST), Professor in the Department of Industrial and Systems Engineering at Chung Yuan Christian University (CYCU), and a researcher at Industrial Technology Research Institute (ITRI), Taiwan. He received a B.S. in Industrial Engineering from NTHU, Taiwan, an M.S. in Manufacturing Systems Engineering, and a Ph.D. in Industrial Engineering, both from the University of Wisconsin-Madison (UW-Madison), USA.

Dr. Chen's current research interests include lean production, smart manufacturing, business process reengineering, supply chain management, project management, and system simulation. He has been working on university-industry collaboration projects with high tech industries such as semiconductor wafer fabs and Thin Film Transistor Liquid Crystal Display (TFT-LCD) fabs in Taiwan as well as electronics assembly and traditional industries such as footwear factories and apparel factories in Taiwan, China, India, Indonesia, Vietnam, Cambodia, and Fiji. He helped tens of companies to execute projects to significantly improve productivity and competitiveness, by executing more than 200 projects in lean production, automation integration, e-Business, and smart manufacturing.

He has published more than 100 academic articles, about half of them are in SCI journals, including European Journal of Operational Research, European Journal of Industrial Engineering, International Journal of Management Science (Omega), International Journal of Production Research, Computers and Industrial Engineering, Applied Mathematical Modeling, Soft Computing, Journal of Intelligent Manufacturing, Journal of Manufacturing Systems, Journal of Cleaner Production, International Journal of Computer Integrated Manufacturing, Journal of Statistical Computation and Simulation, Engineering Optimization, Journal of the Society for Information Display, Displays, Production Planning and Control, Journal of Biomedical Informatics, Simulation Modelling Practice and Theory, Expert Systems with Applications, Total Quality Management & Business Excellence, International Journal of Industrial Engineering: Theory, Applications and Practice, and International Journal of Advanced Manufacturing Technology. He also published about 200 papers in international conferences.

Dr. Chen was awarded Dr. Yi-Chi Mei Scholarship at NTHU, IBM Manufacturing Research Graduate Fellowship at UW-Madison, Distinguished Industrial Engineer Award from CIIE, Distinguished University-Industry Collaboration Award at NTHU, Distinguished University-Industry Collaboration Award at College of Engineering at NTHU, Distinguished Intellectual Property and Commercialization Award at NTHU, Outstanding Research Award at NTUST, and Outstanding Teaching Awards at CYCU. He was also awarded Outstanding Educator

Award in International Conference on Industrial Engineering and Operations Management (Indonesia), Best Paper Awards in several international conferences, and Feature Person: Enjoying the International University-Industry Collaboration, Engineering Science and Technology Bulletin, National Science Council (Ministry of Science and Technology), Taiwan.

