

國立清華大學第 6 屆傑出產學研究獎得獎人簡介

王晉良於 1987 年加入國立清華大學擔任教職，目前為電機工程系暨通訊工程研究所的特聘教授，曾擔任通訊工程研究所所長、計算機與通訊中心主任及電機工程系系主任。他曾是美國史丹佛大學電機工程系之訊息系統實驗室的訪問學者和英國薩里大學通訊系統研究所暨 5G 創新中心的客座教授，也曾是電信國家型計畫無線網路組的召集人、國科會(科技部前身)電信學門的召集人及網路通訊國家型計畫接取技術組的召集人。他在通訊與訊號處理領域已發表 70 篇國際期刊論文和近 180 篇的國際會議論文，而且於過去六年間更獲核准 18 件美國發明專利和 24 件中華民國發明專利；他現階段的主要研究興趣為 5G 和超越 5G 無線通訊之基頻處理技術，尤其是非正交多重接取與多載波傳輸相關的課題。

王教授曾獲多項教學/研究獎勵或榮譽，包含國立清華大學傑出教學獎、教育部教學特優教師、中國電機工程學會傑出電機工程教授獎、IEEE Fellow、國科會傑出研究獎、中國工程師學會傑出工程教授獎、英國皇家學會 Colin Pillinger International Exchanges Award 等。另外，他曾擔任訊號處理領域旗艦期刊 IEEE Transactions on Signal Processing 的 Associate Editor、通訊領域旗艦期刊 IEEE Transactions on Communications 的 Editor、IEEE Journal of Selected Topics in Signal Processing 的 Guest Editor、IEEE Vehicular Technology Magazine 的 Guest Editor、IEEE Taipei Section Chair (國際電機電子工程師學會中華民國分會的理事長)等國際性學術服務職位。另外，從 2017 年起他更獲聘擔任 Wiley 5G Reference 的 Co-Editor-in-Chief，此一 5G 參考叢書預計於 2020 年由 John Wiley & Sons 出版發行。

Chin-Liang Wang joined the faculty of National Tsing Hua University (NTHU), Hsinchu, Taiwan, in 1987, where he is currently a Distinguished Professor with the Department of Electrical Engineering and the Institute of Communications Engineering. He served as the Director of the Institute of Communications Engineering from 1999 to 2002, the Director of the University's Computer & Communications Center from 2002 to 2006, and the Chair of the Department of Electrical Engineering from 2012 to 2015. He was a Visiting Scholar of the Information Systems Laboratory of the Department of Electrical Engineering, Stanford University, Stanford, California, USA, during 1996–1997, and was a Visiting Professor of the Institute for Communication Systems and the 5G Innovation Centre, University of Surrey, Guildford, Surrey, U.K, during 2015–2016. Moreover, he served as the Chair of the Wireless Networks Group of the National Science & Technology Program for Telecommunications from 2004 to 2008, the Director of the Communications Engineering Program, National Science Council (NSC; predecessor to the Ministry of Science and Technology), R.O.C., from 2009 to 2011, and the Chair of the Access Technology Group of the Networked Communications Program from 2009 to 2013. He has published 70 international journal papers and around 180 international conference papers in areas of communications and signal processing. He has also had 18 US patents and 24 ROC patents granted in the past six years. His current research interests are primarily in baseband technologies for 5G and beyond 5G wireless communications, with emphasis on non-orthogonal multiple access and multicarrier transmission schemes.

Prof. Wang was a recipient of the NTHU Distinguished Teaching Award in 1992, the Distinguished Teaching Award granted by the Ministry of Education, R.O.C., in 1992, the Distinguished Electrical Engineering Professor Award granted by the Chinese Institute of Electrical Engineering in 2010, the NSC Distinguished Research Award in 2013, the Distinguished Engineering Professor Award granted by the Chinese Institute of Engineers in

2014, and the Colin Pillinger International Exchanges Award granted by the Royal Society, U.K., in 2015. He was also recognized as an IEEE Fellow for his contributions to signal processing algorithms and architectures for digital communications in 2012.

Prof. Wang served as an Associate Editor for the IEEE Transactions on Signal Processing from 1998 to 2000, an Editor for Equalization for the IEEE Transactions on Communications from 1998 to 2011, a Guest Editor for the 2010 Special Issue on Model Order Selection in Signal Processing Systems of the IEEE Journal of Selected Topics in Signal Processing, and a Guest Editor for the IEEE Vehicular Technology Magazine – Overview for the 37th WWRF (Wireless World Research Forum) Meeting Published in 2018. He was also the IEEE Taipei Section Chair from 2015 to 2016. Moreover, since 2017, he has served as a Co-Editor-in-Chief for the Wiley 5G Reference planned for release by John Wiley & Sons Limited in 2020.