

Dr. Rui Zhang received the B.Eng. (First-Class Hons.) and M.Eng. degrees from National University of Singapore, and the Ph.D. degree from Stanford University, Stanford, CA USA, all in electrical engineering. From 2007 to 2009, he worked as a researcher at the Institute for Infocomm Research, ASTAR, Singapore. Since 2010, he has joined the Department of Electrical and Computer Engineering of National University of Singapore, where he is now a Provost's Chair Professor in the Faculty of Engineering. His current research interests include UAV/satellite communication, wireless power transfer, reconfigurable MIMO, and optimization methods. He has published over 450 papers in the field of wireless communications, which have been cited more than 50,000 times, with the h-index over 110. He has been listed as a Highly Cited Researcher by Thomson Reuters/Clarivate Analytics since 2015. He was the recipient of the IEEE Communications Society Asia-Pacific Region Best Young Researcher Award in 2011, the Young Researcher Award of National University of Singapore in 2015, the Wireless Communications Technical Committee Recognition Award in 2020, and the IEEE Signal Processing and Computing for Communications (SPCC) Technical Recognition Award in 2020. He received 11 IEEE Best Paper Awards, including the IEEE Marconi Prize Paper Award in Wireless Communications in 2015 and 2020, the IEEE Signal Processing Society Best Paper Award in 2016, the IEEE Communications Society Heinrich Hertz Prize Paper Award in 2017 and 2020, the IEEE Communications Society Stephen O. Rice Prize in 2021, etc. He served for over 30 international conferences as the TPC Co-Chair or an Organizing Committee Member, and as the guest editor for 3 special issues in IEEE Journal of Selected Topics in Signal Processing and IEEE Journal on Selected Areas in Communications. He served as an elected member of the IEEE Signal Processing Society SPCOM and SAM Technical Committees, and the Vice Chair of the IEEE Communications Society Asia-Pacific Board Technical Affairs Committee. He served as an editor for the IEEE Transactions on Wireless Communications, IEEE Journal on Selected Areas in Communications (Green Communications and Networking Series), IEEE Transactions on Signal Processing, and IEEE Transactions on Green Communications and Networking. He is now an editor for the IEEE Transactions on Communications, and a member of the Steering Committee of the IEEE Wireless Communications Letters. He served as a Distinguished Lecturer of IEEE Signal Processing Society and IEEE Communications Society from 2019 to 2020. He is a Fellow of IEEE and Academy of Engineering Singapore.

