

Biography

K. J. Ray Liu is the founder of Origin Wireless that pioneers AI for wireless sensing and indoor tracking. The invention of wireless AI won three prestigious CES Innovation Awards, including CES Best of Innovation in 2021, and 2017 CEATEC Grand Prix. Dr. Liu was the 2022 IEEE President and CEO. He was IEEE Vice President, Technical Activities, Division IX Director of IEEE Board of Director, President of IEEE Signal Processing Society, where he has served as Vice President – Publications and Editor-in-Chief of IEEE Signal Processing Magazine. He was Distinguished University Professor and Christine Kim Eminent Professor of Information Technology of the University of Maryland, College Park, from where he retired after over three decades of career in education. His research contributions encompass broad aspects of signal processing and communications. He has trained over 70 doctoral/postdoctoral students, of which 10 are now IEEE fellows. Dr. Liu is a recipient of two IEEE Technical Field Awards: the 2021 IEEE Fourier Award for Signal Processing and the 2016 IEEE Leon K. Kirchmayer Graduate Teaching Award, and also IEEE Signal Processing Society 2014 Norbert Wiener Society Award, 2009 Claude Shannon-Harry Nyquist Technical Achievement Award, and more than a dozen best paper awards. Recognized by Web of Science as a Highly Cited Researcher, he is a Fellow of IEEE, AAAS, and US National Academy of Inventors.