

Biography:

Yiran Chen received B.S (1998) and M.S. (2001) from Tsinghua University and Ph.D. (2005) from Purdue University. After five years in industry, he joined University of Pittsburgh in 2010 as Assistant Professor and then promoted to Associate Professor with tenure in 2014, held Bicentennial Alumni Faculty Fellow. He is now the Professor of the Department of Electrical and Computer Engineering at Duke University and serving as the director of NSF Industry–University Cooperative Research Center (IUCRC) for Alternative Sustainable and Intelligent Computing (ASIC) and the co-director of Duke Center for Computational Evolutionary Intelligence (CEI), focusing on the research of new memory and storage systems, machine learning and neuromorphic computing, and mobile computing systems. Dr. Chen has published one book and more than 400 technical publications and has been granted 96 US patents. He serves or served the associate editor of more than ten international academic transactions/journals and served on the technical and organization committees of numerous international conferences. He is now serving as the Editor-in-Chief of the IEEE Circuits and Systems Magazine. He received more than 20 best paper awards and nominations from international conferences and workshops. He is the recipient of the NSF CAREER award, the ACM SIGDA outstanding new faculty award, and the IEEE SYSC/CEDA TCCPS Mid-Career Award. He is a distinguished lecturer of IEEE CEDA and listed in the HPCA Hall of Fame. He is a Fellow of the ACM and IEEE