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Lingjia Liu received the B.S. degree in Electronic Engineering from Shanghai Jiao Tong University, and the Ph.D. in Electrical and Computer Engineering from Texas A&M University. Currently, he is an Associate Professor in the Bradley Department of Electrical and Computer Engineering (ECE) at Virginia Tech. He is also the Associate Director in Wireless@Virginia Tech. Prior to joining Virginia Tech, he was an Associate Professor in the EECS Department at the University of Kansas (KU). Before that, he was with Samsung Research America working as a standard delegate in the 3GPP LTE/LTE-Advanced standard. He was a technical leader within Samsung on downlink MIMO, coordinated multipoint (CoMP) transmission/reception, device-to-device (D2D) commun., and heterogeneous network (HetNet).

Lingjia Liu was an Editor for the *IEEE Trans. Wireless Commun.* and *IEEE Trans. Commun.* He is currently serving as an Associate Editor for *IEEE Trans. Neural Netw. & Learning Syst.* He has been serving as the Technical Program Committee Chair of 7 consecutive *IEEE GLOBECOM* Workshops on Emerging Technologies for 5G. From March 2017 to March 2019, he was elected as the Vice-Chair, Americas of the *IEEE Technical Committee on Green Communications & Computing* (TCGCC). He is currently serving as an elected member of the *IEEE Signal Processing Society SPCOM* Technical Committee. Lingjia Liu has 200+ publications including 3 book chapters, 80+ journal articles, 5 editorials, 90+ conference papers, and 20+ granted U.S. patents. His research received many recognitions in the field including 8 Best Paper Awards. Besides academic research, Lingjia Liu also made numerous technical contributions to the 4G standards including both 3GPP LTE-Advanced and *IEEE 802.16m*.