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Dr. Liu currently serves as an Associate Editor for *IEEE Transactions on Signal Processing* and *Journal of Global Optimization*. He previously served as an Editor for *IEEE Transactions on Wireless Communications* (2019–2022), an Associate Editor for *IEEE Signal Processing Letters* (2019–2023), and a Lead Guest Editor for a special issue on “Advanced Optimization Theory and Algorithms for Next-Generation Wireless Communication Networks” in *IEEE Journal on Selected Areas in Communications*. He is also an elected member of the Signal Processing for Communications and Networking Technical Committee (SPCOM-TC) of the IEEE Signal Processing Society (2020–2022, 2023–2025).

Dr. Liu has received numerous prestigious awards, including the Best Paper Award at the *IEEE International Conference on Communications (ICC)* in 2011, the Science and Technology Award for Young Scholars from the *Operations Research Society of China* in 2018, the *15th IEEE ComSoc Asia-Pacific Outstanding Young Researcher Award* in 2020, the Youth Science Award of Applied Mathematics from the *China Society for Industrial and Applied Mathematics* in 2022, and the **IEEE Signal Processing Society Best Paper Award** in 2024. Students under his supervision and co-supervision have also been recognized with awards, including the Best Student Paper Award at the *International Symposium on Modeling and Optimization in Mobile, Ad Hoc, and Wireless Networks (WiOpt)* in 2015 and the Best Student Paper Award at the *IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP)* in 2022.

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