



PROFILE

Principal Member of Technical Staff
AT&T

CITATION

Technical leadership in 5G Core, edge computing, cloud networking, and AI-enabled telecommunications infrastructure, with distinguished contributions to innovation, cost efficiency, mentorship, and professional service



VIVIAN YE

AAEOY Engineer of the Year

Ms. Vivian Weihong Ye is currently a Principal Member of Technical Staff in AT&T, where she has dedicated over 25 years of exemplary service. Vivian has truly proven herself to be an invaluable asset to the organization. Throughout her extensive career, she has played a pivotal and transformative role in a wide range of key projects, supporting crucial areas of the business, including Managed Services, Cloud services, and, more recently, leading the groundbreaking launch of the company's cutting-edge standalone mobility 5G Core services with Edge Computing.

Vivian's ability to seamlessly integrate state-of-the-art technologies has been crucial in driving innovative solutions that redefine the company's product offerings. This has enabled substantial cost savings—over \$4.5M in initial development avoidance and \$1.5M annually for updates— while ensuring faster time to market for Mobility NFs. Her expertise in 5G, AI, and networking ensures that each solution she contributes to is not only technically superior but also strategically aligned with the company's long-term vision for growth and industry leadership.

Her technical acumen is further complemented by her outstanding leadership qualities, which make her an exceptional mentor and role model to those around her. Vivian's positive attitude, collaborative spirit, and unwavering support for her team foster an inspiring, high energy work environment, where colleagues are motivated to reach their fullest potential.

Vivian's unparalleled talent for guiding teams through complex technical challenges and resolving issues is evident in her hands-on leadership. Her logical, methodical, and results-driven approach to tackling problems consistently leads to innovative and effective solutions. In addition, her genuine care for her team's success and professional development creates a work culture rooted in trust, respect, and continuous improvement, empowering her colleagues to excel. Vivian's leadership not only fosters trust and growth within her team but has also contributed to increased productivity and innovation across the department, further strengthening the organization's overall performance. In her spare time, Vivian volunteers as a board member for both "Women of AT&T," an organization dedicated to empowering women in technology, and the "CIE – GNYC chapter," which focuses on professional development for engineers. As a board member of "Women of AT&T,"

Vivian is recognized by the IEEE as a Senior Member (SM) for her technical achievements and community service. Vivian has contributed to the CyberC conference as both Panel Chair and Keynote Chair. She also serves on two IEEE flagship conferences, GLOBECOM and ICC. In these roles, she supports sponsorship activities and helps organize the Industry Forum and Exhibits (IF&E) program. Both GLOBECOM and ICC are four-year projects requiring sustained commitment. Vivian's efforts helped achieve a surplus exceeding 20% from a total budget of approximately \$1.8 million.