

Asian American Engineer of the Year Award

Dr. Yu-Dong Yao

**Professor and Department Director
*Stevens Institute of Technology***



As a professor, Dr. Yao's research has been sponsored by National Science Foundation, Department of Defense, DARPA, U.S. Army, and Office of Navy Research. In particular, his research in electronic warfare and directed energy technologies has been sponsored by U.S. Army CECOM (Communications-Electronics Command) and U.S. Army ARDEC (Armament Research, Development and Engineering Center).

He holds thirteen U.S. patents. His research and engineering designs have been implemented and commercialized in Globalstar, Sprint and Verizon networks. Dr. Yao was an Associate Editor of IEEE Communications Letters (2000-2008) and IEEE Transactions on Vehicular Technology (2001-2006), and an Editor for IEEE Transactions on Wireless Communications (JSAC-Wireless) (2001-2006). Dr. Yao was elected an IEEE Fellow in 2011 for his contributions to wireless communications systems. In 2013, he received Advancement of Invention Award from New Jersey Inventors Hall of Fame.

Dr. Yao contributes to the activities of WOCC, inc., a not-for-profit organization, promoting collaboration and technical exchange and organizing annual wireless and optical communications conferences in U.S., Taiwan, and Mainland China. He served as WOCC president (2008-2010) and Chairman of the Board of Trustees (2010-2012).

He received a Bachelor of Engineering degree (1982) and Master of Engineering degree (1985) from Nanjing University of Posts and Telecommunications, Nanjing, China, and a Ph.D (1988) from Southeast University, Nanjing. He was a visiting student at Carleton University, Ottawa, in 1987 and 1988.

Dr. Yao was a senior engineer/staff engineer with Qualcomm Inc., San Diego, California, from 1994 to 2000. From 1990 to 1994, he was with Spar Aerospace Ltd., Montreal, Quebec, as a member/senior member of technical staff. From 1989 to 1990, he was a Research Associate at Carleton University, Ottawa, Ontario.

