

Microwave Application Award

Recognizes an individual or team for an outstanding application of microwave theory and techniques, which has been reduced to practice nominally 10 years before the award.



Jianping Yao

For Outstanding Contributions to UWB Over Fiber Technologies

Jianping Yao is a Distinguished University Professor and University Research Chair in the School of Electrical Engineering and Computer Science, University of Ottawa, Canada. Dr. Yao is best known for his contributions to microwave photonics, particularly in UWB over fiber technologies, photonic generation and processing of microwave signals, and integrated microwave photonics. He has authored over 400 peer-reviewed journal papers and over 300 conference papers. Among his accolades, Dr. Yao received the 2005 International Creative Research Award from the University of Ottawa, the 2007 George S. Glinski Award for Excellence in Research, and the 2008 NSERC Discovery Accelerator Supplements Award. He was an IEEE MTT-S Distinguished Microwave Lecturer from 2013 to 2015. Dr. Yao has also been honored with the 2017-2018 University of Ottawa Award for Excellence in Research, the 2018 IEEE Canada R.A. Fessenden Silver Medal, and the 2025 IEEE Microwave Application Award. Dr. Yao is a Fellow of the IEEE, the Optica (formerly Optical Society of America), the Canadian Academy of Engineering, and the Royal Society of Canada - Academy of Science.