



**The Engineering Institute of Canada**  
**2022 Award Citation**  
**EIC Fellow**



***Qi-Jun Zhang***

**Nominated by IEEE Canada**

*Dr. Qi-Jun Zhang, a Chancellor's Professor of Electrical Engineering at Carleton University, has advanced the theory and practice of microwave active and passive computer-aided design with innovations in linear and nonlinear device modeling and circuit optimization.*

*His contributions to sensitivity analysis, design optimization, and knowledge-, neural network- and electromagnetics-based modeling of microwave devices and circuits allowed radio-frequency and microwave designers to conquer prohibitive design tasks. Dr. Zhang's innovations have globally impacted commercial and military design technologies for satellite and terrestrial communication circuits, including wireless links, as well as modeling and fabrication of semiconductor devices involving electrical, electromagnetic and thermal effects.*

*An internationally recognized leader in the field of microwave Computer-aided Design, he has published three books, ten book chapters, and more than 320 refereed articles.*

*He is a Fellow of the IEEE, and a Fellow of Canadian Academy of Engineering.*

*Ladies and gentlemen, and Ms. President, please welcome Qi-Jun Zhang as a Fellow of the Engineering Institute of Canada.*