

Microwave Pioneer Award

Recognizes an individual or team, having made outstanding pioneering technical contributions that advance microwave theory and techniques, which are described in an archival paper published at least 20 years prior to the year of the award.



Dominic Deslandes

For Pioneering Contributions to the Substrate Integrated Waveguide (SIW) Technology

Dominic Deslandes received the M.Sc. and Ph.D. degrees in electrical engineering from the Ecole Polytechnique de Montreal, Montreal, QC, in 2001 and 2005, respectively. From 2006 to 2007, he was a Post-Doctoral Researcher with the University of Sherbrooke. From 2007 to 2016, he was a Professor with the University of Quebec, Montreal. In 2016, he joined the Ecole de Technologie Supérieure (ETS), Montreal, where he is currently Associate Professor. His current research interests include the analysis, synthesis, and integration of components and systems for microwave, millimeter-wave and Terahertz communication systems.

Microwave Pioneer Award

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Ke Wu

For Pioneering Contributions to the Substrate Integrated Waveguide (SIW) Technology

Dr. Ke Wu is Industrial Research Chair in Future Wireless Technologies and Professor of Electrical Engineering at Polytechnique Montréal, where he was Director of Poly-Grames Research Center. He has graduated 84 Ph.D. and 95 M.Sc. students, authored/co-authored 1500+ papers, contributed to numerous books/book chapters, and filed 90+ patents. He was the IMS2012 General Chair, the 2016 MTT-S President, the inaugural North-American representative in the EuMA General Assembly. A recipient of many awards and prizes, Dr. Wu is a Fellow of the IEEE, the Canadian Academy of Engineering, the Royal Society of Canada, and the German Academy of Science and Engineering.