



EIC Fellow

Ha Hoang Nguyen

Nominated by IEEE Canada

Dr. Ha Nguyen is a Professor in the Department of Electrical and Computer Engineering, University of Saskatchewan. He has made outstanding contributions to the field of digital communications. Over the last 14 years, Dr. Nguyen has published over 110 journal papers, many of them in well-respected IEEE and IET journals and very well cited. His most recognized scholarly contribution involves novel designs of bit interleaved coded modulation with iterative decoding (BICM-ID), a digital signal transmission/reception framework that has been built into many practical communication systems such as DSL, WirelessLANs and WiMax.

Dr. Nguyen has contributed significantly to engineering education by developing and teaching many core courses in the fields of signal processing and digital communications at the University of Saskatchewan, at both undergraduate and graduate levels. Dr. Nguyen co-authored a textbook "A First Course in Digital Communications" (published by Cambridge University Press in 2009), which has been used at a number of universities worldwide.

He has been very active in the international research community in wireless communications by serving as an Associate Editor of three leading technical journals in wireless communications, and a Technical Program Co-chair for several top international conferences.

Ladies & gentlemen and Mr. President, please welcome Ha Nguyen as a Fellow of the Engineering Institute of Canada.