



The Engineering Institute of Canada 2018 Award Citation – EIC Fellow



Anna Lawniczak

Nominated by IEEE Canada

Dr. Anna Lawniczak has been a professor at Louisiana State University, at the University of Toronto, and at the University of Guelph. She has been President of the Canadian Applied Mathematics Society and of the Canadian Applied and Industrial Mathematics Society. She has served on Board of Directors of various scientific organizations. She is IEEE Senior Member, a Fellow of The Fields Institute for Research in Mathematical Sciences and received CAIMS The Arthur Beaumont Distinguished Service Award.

Anna is an international authority in the discrete modeling & simulation methods like Individually Based Simulation Models, Agent Based Simulations, Cellular Automata and Lattice Gas Cellular Automata, a field of which she is one of the co-developers. Her research has contributed to paradigm shift in studying dynamics of complex systems in diverse areas of application.

Anna has coauthored many scientific papers, which are followed by other researchers. She has been active in IEEE and has served as a Chair and Vice-Chair of IEEE Toronto "Signals & Computational Intelligence" Chapter.

Ladies and gentlemen, and Mr. President, please welcome Anna Lawniczak as a Fellow of the Engineering Institute of Canada.