The Engineering Institute of Canada

2024 Award Citation

EIC Fellow

Svetlana Yanushkevich

Nominated by IEEE Canada

Dr. Svetlana Yanushkevich is Professor of Electrical and Software Engineering, and Associate Dean Research, in the Schulich School of Engineering at the University of Calgary. She directs the Biometric Technologies Laboratory—the only research facility dedicated to biometric system design in Canada. Her team develops innovative and impactful decision support and risk assessment strategies based on machine reasoning and applies them to biometric-enabled access control and healthcare monitoring systems.

Her work helps healthcare decision-makers understand the past, monitor the present, and predict the future. She is a prolific and influential researcher with over 400 research contributions and is first author of 6 successful books. As a Member of Canada's International Standards Committee for Biometrics she has helped shape current biometric industry standards. As Chair of the IEEE Computational Intelligence Society's Biometric Taskforce, she has organized several annual IEEE symposia.

As Schulich's Associate Dean EDI, Dr. Yanushkevich helped develop inclusive recruitment initiatives such as the Indigenous Pathways program, Schulich Change Leaders, and the Schulich Community Network. She is currently Co-Chair of the IEEE Task Force on Computational Intelligence for Diversity, Equity and Inclusivity. She has been a Senior Member of IEEE since 2000.

Ladies and gentlemen, and Ms. President, please welcome Svetlana Yanushkevich as a Fellow of the Engineering Institute of Canada.