



The Engineering Institute of Canada

2020 Award Citation

EIC Fellow



Winnie Ye

Nominated by IEEE Canada

Dr. Winnie Ye, a full professor and a Canada Research Chair at Carleton University, conducts theoretical and experimental research focusing on applying silicon photonics to data communications, telecommunications, biomedical sensing, and renewable energy.

Dr. Ye has built a reputation as a leader in the field of silicon photonics based on the international exposure and impact of her research, including 185 publications, reports and presentations (of which 138 are refereed) and 4 industry relevant patents. Her work has been recognized with prestigious awards including 2018 IEEE Women in Engineering Inspiring Member of the Year Award; the Ontario Professional Engineers' Engineering Medal for Research and Development; the PEO Ottawa Chapter Engineering Excellence Award; the Ontario MRI's Early Researcher Award; and an elected Chair of the Optoelectronics Technical Group at the Optical Society.

An outstanding educator, Dr. Ye won Carleton University's Teaching Award in 2011 and became a University Teaching Fellow after receiving the Provost's Fellowship in Teaching Award in 2019. She has been an exceptional volunteer for the IEEE community, being the elected Chair for the IEEE Ottawa Section since January 2019, and having served as the chair for the IEEE WIE Ottawa Chapter since 2012.

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