



Yu Sun - nominated by IEEE Canada

Professor Yu Sun is inducted Fellow of EIC "for contributions to micro-nano robotics and device technologies for biomedical, clinical, and precision instrumentation disciplines". He is a Professor at the University of Toronto and the Canada Research Chair in Micro and Nano Engineering Systems. His research is on the manipulation and characterization of single cells, molecules, and nanomaterials under optical and electron microscopes.

He has invented automated processes for cell manipulation that are revolutionizing how genetic studies, cancer research, and clinical cell surgery and diagnostics are conducted. He has translated three technologies to Canadian industries.

Professor Sun is in great demand as an invited speaker worldwide and serves on the editorial boards of a number of top-tier international journals. He has received many awards, the main ones being the IEEE Robotics and Automation Society Early Career Award in 2010 - the first and only Canadian to receive this prestigious honour, and an NSERC E.W.R. Steacie Fellowship in 2013.

Ladies & gentlemen and Madam President, please Yu Sun as a Fellow of the Engineering Institute of Canada.