



# The Engineering Institute of Canada

## 2022 Award Citation

### EIC Fellow



**Frank Vecchio**

**Nominated by the Canadian Society for Civil Engineering**

*Frank Vecchio is Professor Emeritus and the former Bahen/Tanenbaum Chair in Civil Engineering in the Department of Civil & Mineral Engineering at the University of Toronto. An internationally respected authority on the behaviour of concrete structures, he has contributed substantially to increasing the safety and reliability of Canada's infrastructure.*

*Dr. Vecchio is the co-developer of the Modified Compression Field Theory, a ground-breaking conceptual model for describing the behaviour of reinforced concrete under general load conditions, which has been incorporated into design codes in Canada and internationally. He also developed a suite of software, called VecTor, for predicting the response of concrete structures to practically any action, which has been widely adopted for teaching and in industrial and research applications.*

*In addition to his research, he has significantly contributed to the development of standards and codes for concrete structures globally through his service on national and international technical committees. According to a recent Stanford University study, Dr. Vecchio has the highest citation score amongst Canadian researchers across all fields of Civil Engineering and ranks in the top 20 worldwide.*

*He is a Fellow of the CSCE and the American Concrete Institute and has received several of these societies' most prestigious awards.*

*Ladies and gentlemen, and Ms. President, please welcome Frank Vecchio as a Fellow of the Engineering Institute of Canada.*