



The Engineering Institute of Canada

2024 Award Citation

EIC Fellow



Baochun Li

Nominated by IEEE Canada

Professor Baochun Li is a pioneering researcher and innovator in multimedia systems, networking, cloud computing, and distributed systems. A Bell Canada Endowed Chair in Computer Engineering at the University of Toronto since 2005, he has worked closely with industry partners such as Bell Canada and Microsoft, and his work has greatly benefited the networking and video streaming sectors.

He has published many influential papers, garnering more than 25,000 citations and an h-index of 87, along with several best paper awards. He led the creation of R2, the world's first large-scale peer-to-peer video streaming system using network coding. R2's technology was the first deployment of network coding in commercial video broadcasting.

He is also a pioneer in application-layer network protocols, which are used to speed up the delivery of large volumes of data across cloud data centres and the Internet. In 2020, in response to the COVID-19 pandemic, he launched Duetone, one of the first dedicated online conferencing platforms. He has played major leadership roles at IEEE INFOCOM, as its Chief Architect, Software and Systems since 2016, and General Chair in 2020.

He is a Fellow of IEEE and the Canadian Academy of Engineering and has received many prestigious awards.

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