



The Engineering Institute of Canada

2021 Award Citation

John B. Stirling Medal

(awarded for leadership and distinguished service at the national level within the Institute and/or its Member Societies, by members of these Societies)

Laurence Tianruo Yang

Nominated by IEEE Canada

Laurence Tianruo Yang has established a world-wide reputation as one of the foremost researchers and leaders in the areas of parallel and distributed (cloud) Computing, embedded and ubiquitous/pervasive computing and big data. He is the chair of IEEE CS Technical Committee of Scalable Computing (2008-2011, 2018-present), the co-chair of IEEE SMC Technical Committee on Cybermatics (2016-present) and the vice-chair of IEEE CIS Technical Committee on Smart World (2016-2019). In addition, he is serving as an editor for many international journals and is an author/co-author or an editor/co-editor of more than 25 books from well-known publishers, invited to give around 50 keynote talks at various international conferences and symposia.

His pioneering and significant contributions on cyber, physical and social system design and scalable data analytic have been widely recognized by IEEE Sensor Council Technical Achievement Award, IEEE Canada C. C. Gotlieb Computer Medal, Fellow of Institution of Engineering and Technology, Fellow of Institute of Electrical and Electronics Engineers, Fellow of Canadian Academy, and the PROSE Award on Engineering and Technology (2010). He is being recognized for his leadership and distinguished service to the professions of Computer Science and Engineering.

Ladies and gentlemen, and Mr. President, as the recipient of the John B. Stirling Medal, please welcome Laurence Tianruo Yang.