



***Wilsun Xu - nominated by IEEE Canada***

Wilsun Xu is an NSERC/iCORE Senior Industrial Research Chair in the Department of Electrical and Computer Engineering at the University of Alberta. Prior to joining the University, he worked in the Canadian power industry with Powertech Labs and BC Hydro. Wilsun currently operates a large and active power engineering research program.

*Wilsun Xu is an internationally recognized scholar in the area of power quality. He was elected a Fellow of IEEE in 2005 for his significant contributions to the analysis, simulation and measurement of power system harmonics. His pioneering work on using intentionally-generated power disturbances for anti-islanding protection of distributed generators has been transferred to industry for commercialization. The IEEE PES Task Force on Harmonic Modeling and Simulation chaired by Wilsun Xu received the 2001 IEEE PES Working Group award.*

Wilsun Xu played a pivotal role in establishing the Alberta Power Industry Consortium, an organization of major players in Alberta's power industry. The consortium supports research and innovation, training of students, continuing education, and technical cooperation between the power industry and the University of Alberta. It represents a strategic advancement in industry-university collaboration. Wilsun Xu's other activities include promotion of power engineering education and human resource development with Canadian universities and the Government of Canada. He is currently a member of the Electricity Sector Council Alberta Working Group and a member of the steering committee for the Green Paper Project on the Canadian National Grid initiated by the Canadian Academy of Engineering. For his significant achievements as an electrical engineer, teacher and researcher, we are only too pleased this evening to honour Wilsun Xu with an EIC Fellowship.

Ladies & gentlemen and Mr. President, please welcome Wilsun Xu as a Fellow of the Engineering Institute of Canada.