



Bin Wu - nominated by IEEE Canada

Bin Wu is an NSERC / Rockwell Industrial Research Chair and a Professor in the Department of Electrical and Computer Engineering at Ryerson University. He is well recognized for his exceptional contributions to the advancement of power electronics and adjustable-speed drive technologies. Bin's research work and close collaboration with industry have resulted in 16 patents (7 issued and 9 pending), over 130 peer-reviewed technical papers, over 130 technical reports, and a book. He was the founder of the Laboratory for Electric Drive Applications & Research (LEDAR) at Ryerson University, considered the best research facility of its kind in a Canadian university.

Bin Wu was one of the pioneers in developing commercial adjustable-speed drives in the megawatt range using current source converter technology. He has collaborated for many years with various Canadian companies, assisting them in achieving technical and commercial success through research and innovation. His research results have been adopted by industry, resulting in significant cost savings and new products.

As an outstanding researcher in his field, Bin Wu received various awards including the Ryerson Research Chair Award, the Ryerson Distinguished Scholar Award, the Premier's Research Excellence Award, and the 2002 NSERC Synergy Award for Innovation. Bin Wu is very active in serving the IEEE. He was a Guest Editor of IEEE Transactions on Industrial Electronics and the Technical Program Committee Chair for the 2007 IEEE Canada Electric Power Conference. He is currently an Associate Editor of IEEE Transactions on Power Electronics and IEEE Canadian Review. For Bin's excellence in teaching and research and his considerable contributions to the IEEE, we are pleased to present him with a Fellowship this evening.

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