



Mark Stephen Fox - nominated by IEEE Canada

Mark Fox is a Professor of Industrial Engineering at the University of Toronto's Faculty of Applied Science and Engineering where he co-designed a new Industrial Engineering Curriculum and was the NSERC Industrial Research Chair in Enterprise Integration from 1991 to 2001. He was previously a faculty member at Carnegie Mellon University where he co-founded the graduate program in Manufacturing and was founding Director of the Center for Integrated Manufacturing Decisions Systems. Mark is also the founder of several successful technology companies with clients around the world.

Mark Fox has done groundbreaking work in both the theory and application of artificial intelligence in industrial systems. In 1981, he developed the concept of Constraint Directed Scheduling which is used in all modern scheduling systems today and initiated and led its application to the field of logistics. The US Department of Defense employs logistics planning technology from the Carnegie Group Inc., a software company Mark co-founded that specializes in intelligent systems for solving engineering, manufacturing and telecommunications problems. In 1994, Mark also co-founded Novator Systems Ltd., one of the first companies to provide software and services for the then brand-new field of online retailing. Mark Fox is also known for his original research in the application of Ontologies to the modeling of Enterprises.

Mark Fox is a Fellow of the American Association for Artificial Intelligence and was a co-founder of the AAAI Special Interest Group in Manufacturing. He was also elected a Joint Fellow of the Canadian Institute for Advanced Research and PRECARN. In his roles as researcher, professor, mentor and entrepreneur, he has performed at the highest level of the profession and is internationally recognized for his contributions and leadership. The traits of intellectual brilliance and creativity, unbounded energy and enthusiasm, and a clear sense of direction and purpose have been his hallmarks. Tonight, we are pleased to honour this distinguished gentleman by conferring upon him the title EIC Fellow.

Ladies & gentlemen and Mr. President, please welcome Mark Stephen Fox as a Fellow of the Engineering Institute of Canada.