



Mark Fox - nominated by the Canadian Society for Mechanical Engineering for the Canadian Pacific Railway Engineering Medal

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. He was also the NSERC Industrial Research Chair in Enterprise Integration. While at Carnegie Mellon University, Mark co-founded the graduate program in Manufacturing and was Founding Director of the Center for Integrated Manufacturing Decisions Systems. He 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 1993, Mark Fox co-founded Novator Systems Inc., one of the first companies to provide software and services for the then brand-new field of online retailing. He is also known for his original research in the application of Ontologies to the modeling of Enterprises. We are delighted this evening to salute the achievements of a talented and innovative engineer.

Ladies and gentlemen, and Mr. President, as the Recipient of the Canadian Pacific Railway Engineering Medal, please welcome Mark Fox.