



The Engineering Institute of Canada

Fellow Citation - 2003

Dr. Marc A. Rosen - A Member of the Canadian Society for Mechanical Engineering

Dr. Rosen obtained his Bachelors degree from the University of Toronto in Nuclear and Thermal Power. He then completed an MSc. and a PhD at the same university in mechanical engineering. He is currently founder and Dean of the School of Manufacturing Engineering at the University of Ontario Institute of Technology in Oshawa.

Dr. Rosen began his career in the energy field working for several years in industry, and then joined the University of Toronto and Ryerson Polytechnic Institute in the Department of Mechanical Engineering. His work broadened into mechanical, aerospace and industrial engineering where he taught in all of these disciplines and undertook research and administrative responsibilities. He also was appointed Adjunct Professor at a number of universities across Canada including Laval, Western Ontario and Victoria where he supervised graduate students and undertook collaborative research. His research at these institutions was reinforced with others such as the Argonne National Lab in Illinois and the Institute for Hydrogen Systems in Mississauga. His work and principal areas of interest include Second – Law analysis in thermodynamics, energy systems analysis, energy technologies including thermal, solar, hydrogen, nuclear, electrical generation and co-generation, chillers, synthetic fuels production, and integrated energy systems. Little wonder that more than 250 pre-reviewed publications have resulted in a highly respected reputation for Dr. Rosen.

He is also very active in several professional societies, most notably the CSME, in which he has been awarded the distinction of Fellow. His strong leadership, interpersonal skills and great enthusiasm make an impact on all who work with Dr. Rosen. His latest initiative is the School of Manufacturing Engineering at the University of Ontario Institute of Technology in Oshawa, which began operations only last year. He is now responsible for completing the start-up and administration of the school, which is expected to have about 500 students when operating at capacity.

Ladies and Gentlemen, it is a pleasure to introduce a talented educator and researcher in this fascinating field of energy. And now a Fellow of the Engineering Institute of Canada.

Mr. President – Dr. Marc A. Rosen