

Marc Allen Rosen - nominated by the Canadian Society for Mechanical Engineering for the Julian C. Smith Medal

Marc Rosen is founding Dean of Engineering and Applied Science at University of Ontario Institute of Technology (UOIT) in Oshawa. Prior to his appointment in 2002, he was a professor in the Department of Mechanical Engineering at Ryerson University, where he served as department Chair and Director of Aerospace Engineering. Marc Rosen was responsible for launching engineering at UOIT including several undergraduate and graduate engineering programs and research in areas important to the province and the country. Under his leadership, UOIT, the first new university in Canada in 40 years, has progressed admirably and has become a well recognized university in Canada.

Marc Rosen is an active teacher and researcher in thermodynamics and energy conversion and has over 400 technical publications including several books to his credit. His research involves cogeneration and trigeneration, district heating and cooling, thermal storage, and renewable energy technologies like solar and wind systems. He has also dealt with the environmental impact of energy processes, systems and efficiency improvement methods. His research has attained world-class levels and has yielded numerous important advances in the efficiency of energy systems. His work has advanced energy analysis methods and reduced environmental impact.

Marc Rosen is very active within CSME, ASME and EIC and through this involvement he has taken a strong leadership role in the advancement of Canada. He is a Past-President of the Canadian Society for Mechanical Engineering and is President-Elect of the Engineering Institute of Canada. His dedication to teaching and to professional societies has been recognized through Fellowships awarded by the ASME, the CSME, the International Energy Foundation, and the EIC. Tonight, in recognition of these many contributions to Canada, we are fortunate indeed to have this opportunity to celebrate another most deserved honour for Marc Rosen, the conferring of a distinguished EIC Medal.

Ladies and gentlemen, and Mr. President, as the Recipient of the Julian C. Smith Medal, please welcome Marc Rosen.