



The Engineering Institute of Canada

Fellow Citation - 2003

Dr. Benjamin C.Y. Lu - A Member of the Canadian Society for Chemical Engineering

Dr. Lu graduated from the National Central University in China and then earned a Masters and PhD in Chemical and Applied Chemistry Engineering at the University of Toronto. He is currently Professor Emeritus at the University of Ottawa.

Dr. Lu worked for several years with the Chinese Petroleum Corporation in Taiwan before graduate work in Canada and becoming focused in the field of thermodynamics, this experimental studies in high pressure multi-component vapor/liquid equilibrium have generated many surprising results, which are very significant from both fundamental and practical points of view. Dr. Lu has developed correlations for experimental results based on principles of molecular theories. The direct application of such theories however requires experience and sound judgment when using empirical methods in conjunction with these theories. He has accomplished this union elegantly, as you might expect with use of his highly developed mathematical insight.

Dr. Lu is recognized worldwide for his work on excess thermodynamic properties and equilibrium phenomena. His work has been cited more than 2500 times, and he has now published over 300 papers in refereed scientific journals. As you might expect he has been invited by industry and academia for lectures and consultations all over the world.

Dr. Lu's accomplishments have been recognized in many ways. Among these are the Order of Ontario, honorary memberships and doctorates in China and Japan. He continues his support of the Canadian Society for Chemical Society, and when he lectures abroad, Dr. Lu is introduced as the world-renowned Canadian thermodynamacist.

Ladies and Gentlemen and Mr. President we are proud to present a new and highly respected Fellow of the Engineering Institute of Canada – Dr. Benjamin C.Y. Lu