



Arthur D. Pelton

Arthur D. Pelton is Professor Emeritus in the Dep't. of Chemical Engineering and co-director of the Center for Computational Thermochemistry at Polytechnique Montréal in Montreal, Canada. He is a co-founder of the FactSage thermodynamic database computing system.

Dr. Pelton received his undergraduate and graduate degrees from the Dep't. of Metallurgy and Materials Science at the University of Toronto (PhD in 1970). Following post-doctoral studies at the Technical University in Clausthal, Germany and at MIT, he joined the faculty of Polytechnique Montréal in the Dep't. of Materials Engineering in 1973. Dr. Pelton has co-authored over 300 technical papers and is the author of

a monograph on "Phase Diagrams and Thermodynamic Modelling of Solutions" (2018) as well as 16 book chapters. He is a Fellow of the Royal Society of Canada, the Canadian Academy of Engineering and the American Society for Materials. He is a recipient of the AIME Extraction & Processing Distinguished Lecturer Award, the Gibbs Triangle Award of Calphad, the J. Willard Gibbs Phase Equilibria Award of ASM, the John F. Elliott Lectureship Award of AIST, the Arcelor Mittal Dofasco Award and the Hume-Rothery Prize of the Institute of Materials (UK) as well as other national and international awards. His primary field of interest is chemical thermodynamics.