



James Wallace - nominated by the Canadian Society for Mechanical Engineering

Jim Wallace is a Professor and former Chair of the Department of Mechanical and Industrial Engineering at the University of Toronto where he has taught and conducted research in alternative fuels for 30 years. He is an award-winning teacher and was elected to the grade of Fellow of the Canadian Society for Mechanical Engineering for contributions to education and research. He is currently serving as Associate Editor of the ASME Journal of Engineering for Gas Turbines and Power.

Jim Wallace is an internationally known researcher in the area of alternative fuels in internal combustion engines and has contributed significantly to the advancement of knowledge in this field. Among his many accomplishments, he developed a patented natural gas fuel injector. His work with natural gas and hydrogen led to his election as a Fellow of the SAE for advancing the use of alternative fuels for emissions reduction. In addition, Jim has successfully collaborated with industrial partners including General Motors, Nissan, British Gas, Westport Innovations, Engine Control Systems and others who have benefited from his research.

Jim Wallace has given generously of his time to help the SAE, serving as Faculty Advisor for the University of Toronto's SAE Student Chapter and on the Board of Directors of the SAE Ontario Section. He has made outstanding contributions to the Combustion Institute Canadian Section where he has organized technical conferences and served on the Board of Directors, including a term as Section Chair. Jim exemplifies the balance of teaching, research and service that is essential to the success of today's universities. Tonight, we are pleased to celebrate Jim Wallace's many achievements over a stellar career by conferring on him the grade of EIC Fellow.

Ladies & gentlemen and Mr. President, please welcome James Wallace as a Fellow of the Engineering Institute of Canada.