



The Engineering Institute of Canada

2020 Award Citation

K.Y. Lo Medal

(recognizes significant engineering contributions at the international level)



Greg Naterer

Nominated by the Canadian Society for Mechanical Engineering

Dr. Greg Naterer has made exceptional contributions to research, education and service at an international level. He led an international team, involving four countries and five industrial partners, to develop and construct the world's first large-scale unit operations of a copper-chlorine cycle of thermochemical water splitting for hydrogen production using nuclear, solar or industrial waste energy.

Advancement of this technology has been recognized internationally, particularly India, which has its own national Cu-Cl cycle program. Hydrogen is a clean energy carrier and promising major solution to climate change. He has also contributed significantly in prominent leadership roles in international engineering organizations, such as Chair of the Thermophysics Technical Committee of AIAA (American Institute of Aeronautics and Astronautics), and President of the Nuclear Hydrogen Division of the International Association of Hydrogen Energy. Since 2014, Dr. Naterer has served as the Editor-in-Chief of the AIAA Journal of Thermophysics and Heat Transfer.

Under his leadership, Engineering at Memorial University has significantly expanded its internationalization exchange programs. This includes new student exchange programs and joint graduate program partnerships with several universities abroad. His contributions have promoted Canadian expertise overseas through experiential learning semesters abroad for undergraduate students during co-op work terms.

Ladies and gentlemen, and Mr. President, as a very worthy Recipient of the K.Y. Lo Medal, please welcome Greg Naterer.