



**EIC Fellow**

**Alidad Amirfazli**

**Nominated by the Canadian Society for Mechanical Engineering**

Alidad Amirfazli is a well-accomplished engineer, educator and researcher. He has founded the Department of Mechanical Engineering at York University. His discoveries about the role of surface tension in drop adhesion, drop shedding, and better understanding of a new class of material known as super-hydrophobic surfaces, is recognized internationally for its scientific influence and practical applications such as aircraft anti-icing systems. He has worked as a consultant with many companies in Canada and beyond. He also is a Fellow of the CSME.

As the founding Chair of the Department of Mechanical Engineering at York University, Amirfazli has made significant contributions to expanding Canadian engineering education. He designed the entire Mechanical Engineering curriculum and steered its approval by the Ontario Universities Council on Quality Assurance.

Dr. Amirfazli's leadership in the scientific community is also evident from serving on funding adjudication committees for both federal and provincial agencies, Editorship of one the major journals of his field, membership in the Board of Examiners for the Professional Engineers Association in Alberta, and co-organization of more than eight international conferences and symposia. Another dimension of Amirfazli's work is his pioneering study to demonstrate that an aerosol can be magnetically targeted for potentially delivering cytotoxin drugs in lung cancer treatment.

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