Ryan Phillips - nominated by the Canadian Geotechnical Society

Ryan Phillips is Geotechnical Director at C-CORE in St. John's, Newfoundland & Labrador, and an Associate Professor in the Faculty of Engineering and Applied Science at Memorial University. Since coming to Canada from Cambridge University in 1993, Ryan has made exceptional contributions to engineering in this country through his pioneering work on centrifuge technology.

Ryan Phillips was instrumental in building a world-class centrifuge facility at C-CORE worth over five million dollars. Through his expertise in commissioning, operating and directing the centrifuge centre, he has enabled testing and research on topics varying from crash safety hazard testing to seismically triggered slope failure to pipeline frost heave. Through Ryan's work at C-CORE, centrifuge modeling has become the most reliable technique using small-scale testing of geotechnical phenomena to predict full-scale conditions in various environments. His work has effectively changed the way we engineer.

Ryan has shared his knowledge with the engineering community through activities such as chairing the International Society of Soil Mechanics and Geotechnical Engineering Technical Committee on Centrifuge Testing, and being Editor of the International Journal of Geotechnical Physical Modeling. He is the recipient of several honours including the Stermac and Quigley Awards in the CGS, and tonight we are delighted to bestow further honours on this engineer and teacher for his significant contributions to Canadian technology.

Ladies & gentlemen and Madam President, please welcome Ryan Phillips as a Fellow of the Engineering Institute of Canada.