



## **Cristina Amon,** Dean, University of Toronto, Canada

Cristina Amon earned her mechanical engineering degree from Simon Bolivar University and Sc.D. from MIT in 1988. She joined the University of Toronto (UofT) in 2006 as Dean of the Faculty of Applied Science & Engineering and Alumni Chair Professor in mechanical and industrial engineering. She is responsible for strategic and visionary leadership of one of the world's most distinguished engineering faculties, the administration of 750 faculty, researchers and staff, and the education of more than 5,000 undergraduate and 2,000 graduate students. Prior to her leadership at UofT, she was the Raymond Lane Distinguished Professor and Director of the Institute for Complex Engineered Systems at Carnegie Mellon University.

A pioneer in the development of computational fluid dynamics, her research addresses thermal transport in nanoscale semiconductors, energy systems, and biomedical devices.

Amon has received numerous awards, including ASME Gustus Larson Memorial Award, ASEE Westinghouse Medal, and Heat Transfer Memorial Award. She was recognized among Canada's most Influential Women in 2012 and awarded SWE's highest honor. Inducted into four academies: Canadian Academy of Engineering, Spanish Royal Academy, Royal Society of Canada, and National Academy of Engineering, she has also been elected Fellow of major professional societies in her field and has contributed 350 refereed articles in education and research literature.

Active in professional societies and executive boards, Amon is Director of MKS Board and has served as Chair of the Global Engineering Deans Council, Chair of AAAS Engineering, and President of SWE Pittsburgh, as well as on NSF, NRC and NAE panels and external advisory boards including Stanford, UCLA, UIUC, UPenn, and Waterloo.