

## Dr. Zhenghe Xu (P.Eng., PhD, FRSC, FCAE, FCIM)



Zhenghe Xu graduated with B.Sc. and M.Sc. degrees in Minerals Engineering in 1982 and 1985, respectively, from Central-South Institute of Mining and Metallurgy, Changsha, China; and Ph.D. in Materials Science and Engineering in 1990 from Virginia Polytechnic Institute and State University, Blacksburg, Virginia, USA.

As a professor in the Department of Chemical and Materials Engineering at the University of Alberta, Canada, Dr. Xu was Canada Research Chair in Mineral Processing (2006-2017), NSERC-Industry Research Chair in Oil Sands Engineering (2008-2017), and NSERC-EPCOR-AERI Industry Research Chair in Advanced Coal Cleaning and Combustion Technology from 2002-2008. Dr. Xu was a visiting professor at Tsinghua University of China (July 2011 – June 2017) and is a visiting professor at Kumamoto University of Japan (October 2016 – March 2019). In August 2016, he joined Southern University of Science and Technology (SUSTech) in Shenzhen (China) as a Chair Professor in the Materials Science and Engineering and founding Dean of College of Engineering.

Dr. Xu's main research area is interfacial sciences as applied to natural resources processing and utilization. He published 429 peer-reviewed scientific journal papers (more than 11,300+ web of science citations and h-index 51) and 60 technical conference proceeding papers, along with three US patents, one Canadian patent, and co-authored one book and co-edited two books, with 12 book chapter contributions. Dr. Xu was named Teck professor in 2007, and elected to Fellow of Canadian Academy of Engineering in 2008 and Fellow of Royal Society of Canada in 2015. He was awarded the Bantrel Award in Design and Industrial Practice of Canadian Society for Chemical Engineering in 2009, the APEGA Frank Spragins Award in 2012, The Teck Environmental Award in 2013, Syncrude Award for Excellence in Sustainable Development of CIM in 2015, MetSoc Award for Research Excellence in 2016 and Alberta Science and Technology (ASTech) Leadership Foundation Award for Outstanding Achievement in Science and Engineering in 2018. He was the President of Metallurgical and Materials Society of CIM (2016-2017), Canada, and a council member of International Mineral Processing Council (2016-2020). More details could be found at <https://xumaster.com/>