

Robert C. Armstrong

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Professor Robert Armstrong earned his B. ChE. from the Georgia Institute of Technology in 1970 and three years later he obtained his PhD from the University of Wisconsin with his thesis “Obtaining Constitutive Equations from Molecular Models”.

He has been a member of the MIT faculty since 1973, and he was Head of the Department of Chemical Engineering from 1996 to 2007. Since 2006, the founding year of the MIT Energy Initiative (MITEI), he has served as its Deputy Director.

Amongst the numerous acknowledgments he had obtained in his long and successful career, Robert Armstrong has received the Warren K. Lewis Award in 1996 and the Professional Progress Award in 1992, both from the American Institute of Chemical Engineers, and the 2006 Bingham Medal from the Society of Rheology, which is devoted to the study of the science of deformation and flow of matter. Moreover, in 2008 he was elected Member of the National Academy of Engineering and in 2009 he was elected a Member of the Board of Directors of the American Institute of Chemical Engineers (AIChE).

His research interests are focused on energy, polymer molecular theory, polymer fluid mechanics, rheology of complex materials, multiscale process modeling, transport phenomena, and applied mathematics.