

Prof. Robert I. Nigmatulin

Director, P.P.Shirshov Institute of Oceanology of the Russian Academy of Sciences, Russia



Prof. Nigmatulin, Academician and Member of the Presidium of the Russian Academy of Sciences (RAS), a statesman and public figure, took up the post of Director of the P.P.Shirshov Institute of Oceanology, RAS, in 2006 being a specialist in physics and mathematics, ecology, energetics and economics.

Prior to joining the Institute of Oceanology Dr. Nigmatulin was President of Ufa (Bashkortostan) Branch of RAS in 1993-2006 and Deputy of the State Duma of the Federal Assembly of Russia, Chairman of the Highest Ecology Council in 1999-2003.

Dr. Nigmatulin was born in Moscow in 1940. He graduated from the Bauman Technical University in 1963 and from the Lomonosov University of Moscow in 1965. He received his Ph.D. in Physics and Mathematics from the Lomonosov University in 1967 and Dr.Sc. in Physics and Mathematics from the same University in 1971. He became Professor in 1976, Corresponding Member of RAS in 1987 and Full Member (Academician) of RAS in 1991. He is Full Member of the Academy of Sciences of the Republic of Bashkortostan since 1991, Honorary Member of the Russian Academy of Natural Sciences since 1995 and Full Member of the Russian Ecological Academy since 2000. In 2008 he was elected Honorary Doctor of Science of the Kazan State University and Honorary Full Member of the Academy of Sciences of the Republic of Tatarstan. Dr. Nigmatulin was Visiting Scholar and Professor at the Center of Multiphase Research, Rensselaer Polytechnic Institute, Troy, N.Y., USA in 1993-2000, Visiting Professor at the University of Pierre and Marie Curie, Sorbonne, Paris, France in 1993 and 1996-1998 and Visiting Professor at the Isaac Newton Institute, Cambridge, Great Britain in 2000.

Dr. Nigmatulin's scientific interests lie in applied mathematics; mechanics and thermophysics of multiphase systems; theory of combustion and explosion; nuclear energetics, chemical and petroleum technologies; hydrodynamics, heat and mass transfer processes in oceanology; economic theory. Dr. Nigmatulin is author of 10 books, more than

200 scientific publications, including 20 author's certificates and patents for inventions. He has published several dozens of articles on social and political life and has done numerous TV/radio appearances on the issues of ecology, economics and state. Dr. Nigmatulin is member of the editorial boards of a number of international and national journals, including Int.J. Multiphase Flow (Pergamon Press), Int.J. Heat & Mass Transfer (Pergamon Press), Transport in Porous Media (Kluwer Academic Publishers), Thermodynamics and Fluid Mechanics (Kluwer Academic Publishers), Multiphase Science and Technology (Begell House Inc.), Appl.Mech. & Techn. Physics – PMTF (Russia, Nauka) and is Editor-in-Chief of the journal Okeanologia (Russian Academy of Sciences). Dr. Nigmatulin has served on scientific organizing committees of numerous international conferences held in different countries of the world and has taken an active part as an invited plenary lecturer in international scientific meetings all over the globe.

