

Akif Ibragimov



Short Biography:

Akif Ibragimov received his PhD from the Moscow State University, and Doctor of Science degree from Steklov Institute of Mathematics in Moscow. He is currently Professor at Texas Tech University, Department of Mathematics and Statistics, and also served as Senior Research Scientist in Azerbaijan and Russian Academy of Science. Visiting Professor at Texas A&M University, and Senior Research Scientist with Knowledge Based Systems, Inc. Before coming to the US in 1998-2000 he was a Senior Reservoir Specialist with BP Amoco-Azerbaijan, and Professor at the Gubkin Russian State University of Oil and Gas in Moscow. Prior to embarking on applied research in Oil and Gas industry, Akif Ibragimov was Visiting Researcher at Steklov Institute of Mathematics, and at the Moscow State University. He was also served as the head of the Department of Partial Differential Equation in Azerbaijan Academy of Science. Akif Ibragimov belongs to the school of qualitative theory of PDE established by Landis and Kondratiev at the Moscow State University. His adviser and teacher Evgeniy Mikhailovich Landis is one of the most influential mathematicians in the area of Qualitative Theory of PDE. From 1988 Akif Ibragimov was actively involved in developing semi-analytical methods for solution of the equations in porous media and their application in reservoir engineering. After moving to USA in 2000 he worked in different areas of industrial mathematics including image processing, data mining, and modeling off electrochemical processes. In years 2002-2005 he was a research scientist in Knowledge Based System Inc. and worked on different aspects of the modeling of the data mining processes. From 2004 he is full professor at Texas Tech University in Lubbock Texas. Akif Ibragimov also worked in the area of modeling and analyses of the new models of the biomedical processes. Recently he established a new approach to solving engineering problems arising in oil and gas industry using machinery of non-linear PDE. Akif Ibragimov published more than 100 papers spanning the theory of PDE to different industrial and applied problems in biochemistry, biomedicine, image processes and porous media.