

J.J. AZAR, Ph.D, PE, Member, NAE

J.J. Azar is a professor emeritus of Petroleum Engineering at the University of Tulsa. He joined the University in 1965 as an assistant professor in Mechanical/Aerospace Engineering, and was promoted to associate professor in 1969. In 1975, he joined the Petroleum Engineering Department as full professor and Director of the University of Tulsa Drilling Research Projects, a joint industry research program in which he brought its annual funding to over \$500,000.00. In 1996, he stepped down from the directorship to devote full time to teaching and writing. He served as acting chairman of the Petroleum Engineering Department in 2001. Dr. Azar has officially retired from the University May 31, 2002 to pursue his own activities in teaching and consulting. Professor Azar is a world-renowned lecturer and researcher in drilling engineering. As a Director of drilling research, he is accredited to building one of the world most comprehensive and top drilling program in the Department of Petroleum Engineering at the University of Tulsa, Tulsa, Oklahoma. He has lead his graduate students to pioneering research work in areas of cuttings transport in directional well drilling, drill bit and drillstring dynamics. He is closely associated and worked with all major oil/gas companies, worldwide. His contributions to the advancement of drilling technology through teaching, research and publications are well notable. He is the author and/or coauthor of four textbooks and over sixty publications in refereed technical journals. He has given over 100 presentations at technical meetings and professional functions. He has been invited as keynote speaker at several technical conferences. Also, Professor Azar was a participant speaker at the “Advances in Drilling Technologies” workshop organized by the U. S. National Research Council and the National Academy of Sciences. He has served as a member of the SPE Education and Professionalism Technical Committee, SPE Student Chapter advisor, SPE Career Guidance and Student Development Committee, Technical reviewer, Committee Chairman/Member on the “SPE Distinguished Achievement Award for Petroleum Engineering Faculty”, Committee Chairman/Member on the “AIME Mineral Industry Education Award” and Member of Editorial Advisory Board of Offshore. Dr. Azar has received the 1998 SPE Drilling Engineering Award and the 1997 SPE Distinguished Achievement Award for Petroleum Engineering Faculty. He was elected as SPE Distinguished Member for the year 2004. He was inducted into the U.S National Academy of Engineering in Washington D.C, 2004. He is registered professional engineer and a member of SPE. His areas of interest in teaching and research include: wellbore fluids hydraulics, wellbore mechanics, drill bit mechanics, drillstring mechanics, and well control mechanics in application to vertical, directional, horizontal, multilateral, coiled tubing, under-balanced and slim hole drilling.