

## **DR. MUHAMMAD M. SAGGAF**

Muhammad M. Saggaf is currently the head of Saudi Aramco's Strategic Transformation Office, responsible for pushing forward a transformation of Saudi Aramco that would allow it to achieve ambitious aspirations for the next two decades, including an expanded business portfolio. Prior to his current assignment, he was Saudi Aramco's Chief Petroleum Engineer, responsible for the development and management of all of Saudi Aramco's oil and gas fields.

Dr. Al-Saggaf joined Saudi Aramco in 1989, and has held several assignments within Saudi Aramco in Exploration and Producing. He holds degrees in mathematics, geophysics, and business, including an M.Sc. and a Ph.D. from MIT. He is also a graduate of Harvard Business School's Program for Management Development. He has received several company and industry awards, including the Technology Achievement Award; Creative Contribution Award; E&P Award of Outstanding Achievement; SEG (Society of Exploration Geophysicists) J. Clarence Karcher Award, SPE (Society of Petroleum Engineers) Lester C. Uren Technical Excellence Award, SPE Distinguished Member Award, and Eisenhower Fellowship. He has authored numerous refereed technical papers, two books, and founded and edited a new technical journal.

Dr. Al-Saggaf is a former President of the Dhahran Geoscience Society, former Middle East Region Representative of SEG, a member of Saudi Aramco's Corporate Innovation Board, vice chairman of the Board of SPE Saudi Arabia Section, and the vice chairman of the Board of Directors of the South Rub Al-Khali Company (SRAK), the Saudi Aramco/Shell joint exploration company. He is also a member of the Advisory Boards of the petroleum engineering departments at King Fahd University of Petroleum and Minerals and Heriot-Watt University. Dr. Saggaf articulated some of the most cutting-edge technologies in petroleum engineering, many of which are now becoming realities, including extreme reservoir contact wells, gigacell simulation, autonomous fields, smart water, and reservoir nanorobots.

Dr. Al-Saggaf is married with four children. He is an avid computer enthusiast and was the first Arab member in the development team of the Linux operating system.