

Maher Shariff

Biographical Information:

Graduated with a B.S. in Mechanical Engineering from the prestigious Caterpillar College of Engineering and Technology at Bradley University, a M.S. in Mechanical Engineering from Washington University in St. Louis, a Master of Engineering degree from Vanderbilt University, and a Ph.D. in Mechanical Engineering with highest honors from Wichita State University in Kansas. My dissertation work at Wichita State, in association with the National Institute for Aviation Research (NIAR), was in the area of Computational Fluid Dynamics (CFD) and Numerical Heat Transfer.

After working for Cessna Aircraft Company (a Textron Company) as an Analytical Design Engineer from September 2000 to September 2001, I joined SABIC Research and Technology Center in Jubail, Saudi Arabia, where I was employed until February 2003. Subsequently, I began my career with Saudi Aramco at their new Research and Development Center, where I currently work as a Senior Research Scientist in the Oil and Gas Treatment Division. In August 2012, I joined Tulsa University Fluid Flow Projects (TUFFP) as a Visiting Research Scholar at The McDougall School of Petroleum Engineering, University of Tulsa.

My research interests lie in the areas of drilling and completion fluids, gas/oil/water separation, MHD pipe flows with heat transfer and advanced hydroprocessing reactor/catalysis design. I am accredited with a U.S. Patent, many refereed journal and conference proceedings publications as well as regional and international presentations. I am a member of numerous professional societies, including the American Society of Mechanical Engineers, Society of Petroleum Engineers, and Saudi Council of Engineers (Mechanical Engineer Consultant Degree). I served as the Vice-Chair of the American Society for Mechanical Engineers (Eastern Saudi Arabia Section) in 2006, and in 2012 was elected to serve as the Publicity and Events Director for Saudi Arabian International Chemical Sciences Chapter of American Chemical Society (SAICSC-ACS). I am a member of several honor societies, including Sigma Xi (Scientific Research), Tau Beta Pi (Engineering), and Phi Kappa Phi (Academic).