

MICHAEL M. KHONSARI

Dow Chemical Endowed Chair,
 Professor of Mechanical Engineering,
 Department of Mechanical and Industrial Engineering.
 Louisiana State University, USA.
 Associate Commissioner for Sponsored Research and Development,
 Louisiana Board of Regents, USA.
 E-mail: khonsari@me.lsu.edu

**BIOGRAPHY**

Professor Khonsari earned his B.S., M.S., and Ph.D. all in Mechanical Engineering from The University of Texas at Austin. Dr. Khonsari holds the Dow Chemical Endowed Chair in Rotating Machinery and Professor of Mechanical Engineering at Louisiana State University (LSU). Prior to joining LSU, he spent a number of years as a faculty member at The Ohio State University, University of Pittsburgh, and served as the Chairman of the Department of Mechanical Engineering and Energy Processes at Southern Illinois University. Professor Khonsari has also served as a research Faculty Fellow at NASA Lewis Research Center, Wright-Patterson Air Force laboratories, and the U.S. Department of Energy. In February 2003, Professor Khonsari was appointed as the Louisiana Experimental Program for Stimulating Competitive Research (EPSCoR) Project Director and Associate Commissioner for Sponsored Research & Development Programs at the Louisiana Board of Regents. Professor Khonsari is appointed by the Governor to serve on the Louisiana Innovation Council. He maintains his professorship at LSU while serving in these positions.

Professor Khonsari's research is in the area of tribology—the science and application of lubrication, friction, and wear. He is holder of several US patents, has authored 237 archival papers, 50 book chapters and special publications, three books and delivered 150 invited lectures, seminars, and plenary presentations. Professor Khonsari is the recipient of several research awards including the ASME Mayo Hersey Award, Burt Newkirk Award, the STLE Presidential Award, ALCOA awards for his contributions to tribology, and is recipient of the LSU College of Engineering Outstanding Research Award in 2003. He is the Editor for ASME Journal of Tribology and serves on the Editorial Board of STLE Tribology Transactions, Institution of Mechanical Engineers Journal of Engineering Tribology, Tribology International, Advances in Tribology, Acta Tribologica, and Patents on Mechanical Engineering, and Entropy. Professor Khonsari is a fellow of American Society of Mechanical Engineers (ASME), Society of Tribologist and Lubrication Engineers (STLE), and American Association for the Advancement of Science (AAAS).

Professor Khonsari is the founding Director of the Center for Rotating Machinery (CeRoM) at LSU. As an industry/government/university center, CeRoM is dedicated to state-of-the-art research and development associated with rotating machinery with a strong educational component. The Center's R&D activities includes the following areas: tribology addressing lubrication, friction, and wear; dynamics and vibration analysis of machinery; materials selection, advanced coating materials and processes, fatigue and damage analysis; measurement, testing, and sensing; modeling and simulation; and education. These activities will directly support improvements in design, manufacturing, diagnostics, reliability, performance, durability, and environmental compliance of vital mechanical systems and components, including but not limited to bearings, seals, gears, turbines, compressors, and generators.