

Dr. Chehroudi, has accumulated years of technical and leadership experiences in different capacities and organizations. This includes such positions as a VP of R&D at Advanced Technology Consultants, Principal Scientist appointment at the Air Force Research Laboratory (AFRL) ERC, a Chief Scientist at Raytheon STX, a Visiting Technologist at Ford's Advanced Manufacturing Technology Development (AMTD) center, a tenured Professor of Mechanical Engineering at Kettering University and University of Illinois, and served as a Senior Research Staff/Research Fellowship at Princeton University. Dr. Chehroudi directed numerous interdisciplinary projects in areas involving chemically reacting flows, combustion and emission of pollutants, sustainable and alternative energy sources, distributed ignition, material/fuel injection, advanced pollution reduction technologies, propulsion concepts, gas turbine and liquid rocket engines, combustion instability, laser optical diagnostics, spectroscopy, supercritical fluids and applications in environmental and propulsion systems, advanced composites, MEMS, nanotechnology, and micro fluidics. He has won many merit and leadership awards by such prestigious organizations as the Society of Automotive Engineers (Arch. T. Colwell Merit Award, Forest R. McFarland Award, Outstanding Faculty Advisor, Sustained Leadership in Professional Service), American Institute of Aeronautics and Astronautics (Best Publication Award of the Year), Air Force Research Laboratories (Outstanding Technical Publication Award, STAR Team Award), Institute of Liquid Atomization and Sprays Systems (Marshall Award), and has been a consultant with many organizations such as, Ford, GM, Honda R&D, AFRL, Honeywell, NASA, VW, Bosch, Siemens, NGK, and TRW. Through professional societies, Dr. Chehroudi delivers invited professional seminars on Management of R&D Teams and Organizations, Management of Innovation. He has a PhD from Princeton University, is an Associate Fellow of AIAA, and has more than 150 publications with extensive experience in both scientific and management areas and intensive trainings in finance and financial engineering.