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Biographical Sketch of the Speaker

Triantafillos J. (Lakis) Mountziaris was born in Serres, Greece. He is currently a Professor of Chemical Engineering at the University of Massachusetts-Amherst. He earned a Diploma (5-year degree) with highest honors from the Aristotle University of Thessaloniki, Greece, and a PhD from Princeton University, both in Chemical Engineering. After completing postdoctoral studies in Chemical Engineering and Materials Science at the University of Minnesota he started his academic career at the University at Buffalo (SUNY), where he spent sixteen years as a faculty member in the Department of Chemical and Biological Engineering (1989-2005). From 2003 to 2005 he served as the Program Director for Particulate and Multiphase Processes at the National Science Foundation. He subsequently joined the Department of Chemical Engineering at the University of Massachusetts-Amherst as a Professor and served as the Department Head from 2005 to 2014. He is currently the Program Director for Process Systems, Reaction Engineering and Molecular Thermodynamics at the National Science Foundation. His research interests include reaction engineering and reactor design, synthesis of electronic and photonic materials, biosensors, and multi-phase flows. He is the recipient of several honors and awards, including the Norman Hackerman Award of the Electrochemical Society, The Chancellor's Award for Excellence in Teaching from the SUNY system, and honorary Visiting Professorships from ETH-Zurich and Princeton University. He serves on the External Advisory Boards of two Chemical Engineering Departments in the US and on the Scientific Advisory Board of a startup company, whose technology is based on two of his US patents.