

Dr. Sergei Burlatsky **Senior Fellow, Physics-based Modeling**



Biographical Profile

Sergei Burlatsky, Ph.D., is Senior Research Fellow, United Technologies Research Center (UTRC). He is responsible for technical quality and oversight of key UTRC research projects focusing on physics-based modeling.

Previously, Burlatsky was Fellow and Principal Scientist, UTRC; Program Leader, LSR Technologies, Boston, Massachusetts; and Chief Scientist, Leadership Council member, and Director of the Statistical Physics/Diffusion Process, Institute of Chemical Physics, USSR Academy of Sciences, Moskva, Russia.

Burlatsky's professional awards and honors include an honorable professorship at the University of Pierre and Marie Curie, Paris; multiple R&D 100 Awards; and a number of awards for outstanding research from the Russian Academy of Sciences. He is a member of the Connecticut Academy of Science and Technology and holds more than 40 U.S. patents in multiple areas, including fuel cells, environmental technology and advanced materials and processes. He has more than 200 scientific papers in peer review journals to his credit and has been published in *Science*, *Physical Review Letters*, *Langmuir*, *Acta Materialia* and other technical journals.

Burlatsky holds a Ph.D. in chemical physics from the Institute of Chemical Physics, USSR Academy of Sciences; and a Doctor of Science (European Post Ph.D.) in mathematics and physics, Institute of Chemical Physics, USSR Academy of Sciences.