

Mohamed Gad-el-Hak, Ph.D.

Professor Emeritus, Department of Mechanical and Nuclear Engineering at VCU College of Engineering

Engineering East Hall, Room E2256, Richmond, VA, US

Fluid mechanics expert, with a penchant for nanotechnology and microelectromechanical systems

Biography

Mohamed Gad-el-Hak was born in Tanta, Egypt, but grew up in Cairo. He received his B.Sc. (summa cum laude) in mechanical engineering from Ain Shams University in 1966 and his Ph.D. in fluid mechanics from the Johns Hopkins University in 1973, under Stanley Corrsin. Gad-el-Hak lived in the United States of America since 1968, and became a U.S. citizen in 1981. Gad-el-Hak was senior research scientist and program manager at Flow Research Company in Seattle, Washington, and then professor of aerospace and mechanical Engineering at the University of Notre Dame, finally coming to Virginia Commonwealth University in 2002 as chair of mechanical engineering, later mechanical and nuclear engineering. He has also worked at the University of Southern California, University of Virginia, Institut National Polytechnique de Grenoble, Université de Poitiers, Friedrich-Alexander-Universität Erlangen-Nürnberg, Technische Universität München, and Technische Universität Berlin.

Industry Expertise

Research, Education/Learning, Nanotechnology, Mechanical/Industrial Engineering, Electrical Engineering

Areas of Expertise

Fluids in motion, Turbulence and flow control, Viscous pumps and microturbines, Micro- and nanotechnology, Large-scale disasters, Microelectromechanical Systems

Education

The Johns Hopkins University

Ph.D. Fluid Mechanics

Ain Shams University, Cairo, Egypt

B.Sc. Mechanical Engineering

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