



Sociedad Mexicana de Ingeniería Mecánica

XXVI Congreso

Conferencias Magistrales

BRIEF BIODATA OF

Mihir Sen

Professor Emeritus

Department of Aerospace and Mechanical Engineering

University of Notre Dame

Notre Dame, IN 46556, USA

E-mail: [Mihir.Sen.1\[at\]nd.edu](mailto:Mihir.Sen.1[at]nd.edu)

Webpage: www.nd.edu/~msen

Mihir Sen completed his undergraduate degree in Mechanical Engineering at the *Indian Institute of Technology* in Madras, India in 1968. He studied in the *Department of Mechanics* at the *Johns Hopkins University* in Baltimore, MD, USA, before moving to the *Massachusetts Institute of Technology (MIT)* in Cambridge, Massachusetts, MA, USA from where he obtained the degree of *Doctor of Science (ScD)* in the *Department of Aeronautics and Astronautics* in 1975. He worked for the next ten years in the *Faculty of Engineering (Facultad de Ingeniería)* of the *National Autonomous University of Mexico (UNAM)* in Mexico City. He was one year as Visiting Professor in the *Sibley School of Mechanical and Aerospace Engineering* in *Cornell University* in Ithaca, NY, USA before joining the *Department of Aerospace and Mechanical Engineering* of the *University of Notre Dame*, Notre Dame IN, USA, from which he retired in 2017.

His graduate research was first in experiments relating to the measurement of turbulence (under the supervision of Professor L.S.G. Kovasznay) and then in the generation of surface waves by wind (supervised by Professor E. Mollo-Christensen). His research as professor was in fluid mechanics, heat transfer and mathematical modeling. He has worked and published in several areas including reacting flows, falling films, natural and forced convection, chaos and mixing, boiling, MEMS applications, heat exchangers, flow in porous media, thermal control, intelligent systems and soft computing, flow in thermal-hydraulic networks, hydrodynamics of electron flow, fractional-order derivatives, and complex systems. He is a Fellow of the ASME.