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## B I O G R A P H Y

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Wahid Hermina received his BSE degree from Princeton University in 1977 and his Ph.D. from Stanford University in 1982. He has degrees in mechanical engineering with a minor in physics. He joined Sandia National Laboratories at the California site in 1982. While at Sandia, CA, he performed R&D pertaining to high pressure reactors, rarefied gas dynamics and high altitude rocket plumes.

He moved to Sandia, NM, in 1989 where he has held several management positions in the Engineering Sciences Center. Department responsibilities included the areas of aerothermodynamics, thermophysics, incompressible fluid mechanics and microscale sciences. In 2002, he was promoted to a senior management position within the Nuclear Weapons Strategic Management Unit. In this position, he served as a Deputy Director providing planning and program management for the Nuclear Weapons Science and Technology Programs. In 2003 he returned to the Engineering Sciences Center as senior manager of the Thermal, Fluids and Aerosciences Group. The group provides RD&A for Sandia in the thermal-fluids disciplines including multiphase incompressible flows; compressible fluid mechanics; rarefied fluid mechanics; multiphase conduction, convection and radiative heat transfer; and energetic materials.

In 2007, he joined the Microsystems S&T and Components Center as the senior manager of the Sensors and Communication Microsystems Group. He manages departments focused on RD&A pertaining to RF and optical communication, CBRNE and physical sensors, microsystems packaging, and microsystems product integration.

