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Dr. Sauthoff joined the Princeton Plasma Physics Laboratory (PPPL) in 1975 after receiving his Ph.D. in Astrophysical Sciences from Princeton University. Earlier he received his bachelor's degree in Physics and his master's degree in Nuclear Engineering from MIT. He developed x-ray instrumentation and performed research on tokamak plasmas from 1975 to 1980. He managed design of the control and data system for the Tokamak Fusion Test Reactor until 1985, headed the PPPL Computer Division until 1988, the Princeton Beta Experiment until 1990, the Experimental Projects Department until 1992, PPPL's Physics Department until 1994, PPPL's Plasma Science and Technology Department until 1997, and PPPL's Off-Site Research Department until 2004. From 1992-98, Dr. Sauthoff was the Physics Manager for U.S. participation in the design of the ITER. Dr. Sauthoff was the 2001 president of the IEEE-USA.

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