

Dr. Klimas was born on May 24, 1938. He received B. S. and S.M. degrees from the Massachusetts Institute of Technology in 1962 and his Ph.D. from the same institute in 1966. He joined ARAP, Inc., Princeton, New Jersey in 1966 where he worked with G. Sandri on the theory of plasma transport with particular attention to cosmic ray transport in turbulent magnetic fields. Dr. Klimas joined the Goddard Space Flight Center as a National Research Council Senior Resident Research Associate in 1973 where he continued his cosmic ray transport studies. He joined the scientific staff at Goddard Space Flight Center in 1975. In the early 80's, Dr. Klimas's attention was drawn to the theory and simulation of electrostatic plasma phenomena. He has studied the electron plasma phenomena of Earth's foreshock with emphasis on the fundamentally nonlinear BGK solitary wave modes associated with the late evolution of beams in collisionless plasmas. In addition, in the last several years Dr. Klimas has turned to the methods of the emerging science of nonlinear dynamics to understand the dynamical nonlinear response of Earth's magnetosphere to the varying solar wind. Dr. Klimas has been a principal investigator on the ISEE Guest Investigator program, the NASA Space Physics Supporting Research and Technology Program, the Sun-Earth Connection Guest Investigator program, and the Goddard Space Flight Center Director's Discretionary Fund program. He is the recipient of the NASA Special Service Award and is a reasonably competent tennis player. In particular, he can beat Fairfield easily.