

Bio – Dr. Petrus Martens

Dr. Petrus Martens is a Professor of Physics at Georgia State University. He is a solar physicist with experience in theoretical modeling, data analysis, automated feature recognition, and space instrumentation. Research interests include long-term solar activity in the context of the Sun-Earth connection, coronal loops, solar flares, filament eruptions, and particle acceleration, and dynamos in the context of the solar-stellar connection. Mission involvement has been with Yohkoh, SOHO, TRACE, Hinode, and the Solar Dynamics Observatory (SDO). He received his B.S. (1977) in Astronomy, M.S. (1979) in Theoretical Astrophysics, and Ph.D. (1983) in Theoretical Astrophysics from the Utrecht University, The Netherlands. Dr. Martens has an extensive publication record and has taught courses in astronomy and physics at Harvard University, Stanford University, the University of Buenos Aires, and Embry-Riddle Aeronautical University.