

IEEE PRINCETON CENTRAL JERSEY SECTION MEETING
(Sponsored by AP/MTT/ED and Computers/ACM Societies)
The Life of James Clerk Maxwell

by James C. Rautio, President Sonnet Software

see -<http://www.sonnetusa.com/bio/maxwell.asp>

This is a historical, biographical presentation describing Maxwell's life and times from childhood through his early death, and Maxwell's resulting legacy to the world of science. Special emphasis is placed on Maxwell's contributions to EM theory and how what we today know as Maxwell's equations came to be. A considerable amount of information from rare primary and secondary historical sources is presented.



James C. Rautio received a BSEE from Cornell in 1978, a MS Systems Engineering from University of Pennsylvania in 1982, and a Ph.D. in electrical engineering from Syracuse University in 1986. From 1978 to 1986, he worked for General Electric, first at the Valley Forge Space Division, then at the Syracuse Electronics Laboratory. At this time he developed microwave design and measurement software, and designed microwave circuits on Alumina and on GaAs. From 1986 to 1988, he was a visiting professor at Syracuse University and at Cornell. In 1988 he went full time with Sonnet Software, a company he had founded in 1983. In 1995, Sonnet was listed on the Inc. 500 list of the fastest growing privately held US companies, the first microwave software company ever to be so listed. Today, Sonnet is the leading vendor of 3-D planar high frequency electromagnetic analysis software. Dr. Rautio was elected a fellow of the IEEE in 2000 and received the IEEE MTT Microwave Application Award in 2001.

Date: Wednesday, February 18, 2004 at 8:00 pm (Refreshments at 7:30 pm)

Location: Sarnoff Corporation, Route 1 and 571, Princeton, NJ

Information: Mary Kalada at 609-771-2779

All PCJS IEEE meetings are open to the public. Students and their parents are welcome. There is no admission charge and refreshments will be served.

A pre meeting dinner will be held at Ruby Tuesday's (3815 Route 1, Plainsboro) at 6 pm. Please send e-mail to A.katz@ieee.org, if you plan to attend.

