

Patrick L. Perini was born in Syracuse, NY, on July 18 1964. He received the B.S. degree in electrical engineering from Syracuse University, Syracuse, NY, and the M.S. and Ph.D. degrees in electrical engineering from the University of Colorado at Boulder (UCB) in 1985, 1989, and 1993, respectively.

From 1985 to 1993, he worked as a Member of the Technical Staff at NASA's Jet Propulsion Laboratory (JPL), Pasadena, CA, developing the antenna subsystem for the shuttle imaging radar (SIR-C). While at JPL, he worked on the development of wide-band microstrip antennas for spaceborne radars and developed analog and digital electronics used to qualify RF transmission lines for space flight. In 1993 he joined the technical staff at U S WEST Advanced Technologies, Boulder, CO, where his research efforts have been focused on antenna technology for wireless communication systems. Currently, he is a Distinguished Member of the Technical Staff and his research interests include intelligent antenna systems for personal communication systems (PCS) and cellular telephony, electromagnetic (EM) propagation modeling, antenna diversity techniques, microwave technology, and code division multiple access (CDMA) link analysis.