

John R. Sanford, is currently head of Smartwaves International where he designs systems and components for wireless communications. Previously he was senior engineer at Endgate where he designed antennas and packaging for millimeter wave radio links. He was an associate professor at Chalmers University of Technology where he taught graduate electromagnetic courses and conducted research related to electromagnetics. The research pertained to Frequency Selective Surfaces, Array Antennas and Array Signal Processing. From 1988 through 1993 Dr. Sanford was head of the antenna group at Huber & Suhner AG, where his design and development work related to telecommunications and commercial antenna equipment. From 1985 to 1988 he was a research engineer with the Georgia Tech Research Institute where he designed military radar and communication systems.

Dr. Sanford has published more than forty technical papers, patents, research reports, and has taught short courses and given seminars in the USA, Germany, Switzerland, Sweden, and Finland. He holds several patents. He is a member of the IEEE MTT/AP. In 1992 he received his Doctorate in Electromagnetics from The Federal University of Switzerland in Lausanne, Switzerland. He received his M.S. in Physics in 1988 from Georgia Tech and his B.S.E.E. from Syracuse University in 1984 in the U.S.A.