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Prof. Werner is a former Associate Editor of *Radio Science*, a former Editor of the *IEEE Antennas and Propagation Magazine*, an Associate Editor of the *Nature* subjournal *Scientific Reports*, a member of URSI Commissions B and G, Eta Kappa Nu, Tau Beta Pi and Sigma Xi. He holds 15 patents, has published over 800 technical papers and proceedings articles, and is the author of 28 book chapters with several additional chapters currently in preparation. He has published several books including *Frontiers in Electromagnetics* (Piscataway, NJ: IEEE Press, 2000), *Genetic Algorithms in Electromagnetics* (Hoboken, NJ: Wiley/IEEE, 2007), *Transformation Electromagnetics and Metamaterials: Fundamental Principles and Applications* (London, UK: Springer, 2014), *Electromagnetics of Body Area Networks: Antennas, Propagation, and RF Systems* (Hoboken, NJ: Wiley/IEEE, 2016), and *Broadband Metamaterials in Electromagnetics: Technology and Applications* (Pan Stanford Publishing, 2017). He has also contributed chapters for several books including *Electromagnetic Optimization by Genetic Algorithms* (New York: Wiley Interscience, 1999), *Soft Computing in Communications* (New York: Springer, 2004), *Antenna Engineering Handbook* (New York: McGraw-Hill, 2007), *Frontiers in Antennas: Next Generation Design and Engineering* (New York: McGraw-Hill, 2011), *Numerical Methods for Metamaterial Design* (New York: Springer, 2013), *Computational Electromagnetics* (New York: Springer, 2014), *Graphene Science Handbook: Nanostructure and Atomic Arrangement* (Abingdon, Oxfordshire, UK: CRC Press, 2016), *Handbook of Antenna Technologies* (New York: Springer, 2016), and *Transformation Wave Physics: Electromagnetics, Elastodynamics and Thermodynamics* (Boca Raton, FL: CRC Press, 2016).

His research interests include computational electromagnetics, antenna theory and design, phased arrays (including ultra-wideband arrays), microwave devices, wireless and personal communication systems (including on-body networks), wearable and e-textile antennas, RFID tag antennas, conformal antennas, reconfigurable antennas, frequency selective surfaces, electromagnetic wave interactions with complex media, metamaterials, electromagnetic bandgap materials, zero and negative index materials, transformation optics, nanoscale electromagnetics (including nanoantennas), fractal and knot electrodynamics, and nature-inspired optimization techniques (genetic algorithms, clonal selection algorithms, particle swarm, wind driven optimization, and various other evolutionary programming schemes).