

- [75]S. Altunç,\* C.E. Baum, C.J. Buchenauer, C.G. Christodoulou, and E. Schamiloglu, "Design of a Special Dielectric Lens for Concentrating a Subnanosecond Electromagnetic Pulse on a Biological Target," *IEEE Trans. Dielectrics and Elect. Insul.*, vol. 16, 1364-1375 (2009). [0]
- [76]M.I. Fuks,† V.A. Gintsburg, N.G. Kolganov, N.F. Kovalev, and E. Schamiloglu, "Experimental Study of a Relativistic Resonant Traveling Wave Tube with Selective Feedback Provided by Bragg Reflectors," *IEEE Trans. Plasma Sci.*, vol. 38, 1255-1263 (2010). [0]
- [77]M.I. Fuks† and E. Schamiloglu, "70% Efficient Relativistic Magnetron With Axial Extraction of Radiation Through a Horn Antenna," *IEEE Trans. Plasma Sci.*, vol. 38, 1302-1312 (2010). [0]
- [78]P. Kumar, S. Altunç,† C.E. Baum, C.J. Buchenauer, C.G. Christodoulou, and E. Schamiloglu, "Radially Inhomogeneous Spherical Dielectric Lens for Matching 100 ps Pulses into Biological Targets," *IEEE Trans. Plasma Sci.*, vol. 38, 1915-1927 (2010). [0]
- [79]M. Liu,\* C. Michel,\* S. Prasad\*, M. Fuks,† E. Schamiloglu, and C.-L. Liu, "RF Mode Switching in a Relativistic Magnetron with Diffraction Output," *Appl. Phys. Lett.*, vol. 97, 251501-1-251501-3 (2010). [0]
- [80]A.D. Andreev, K.J. Hendricks, M.I. Fuks,† and E. Schamiloglu, "Elemental Theory of a Relativistic Magnetron Operation: Anode Current," *J. Directed Energy*, vol. 3, 349-383 (2010). [0]
- [81]N.R. Devarapalli, C.E. Baum, C.G. Christodoulou, and E. Schamiloglu, "An Iterative Search Algorithm for Designing the Bend of an H-plane Bend Radiator," *Int. J. RF and Microwave Computer-Aided Engr.* vol. 20, 567-576 (2010). [0]
- [82]C. Watts, M. Gilmore, and E. Schamiloglu, "Effects of Laser Surface Modification on Secondary Electron Emission of Copper," *IEEE Trans. Plasma Sci.*, vol. 39, 836-841 (2011).
- [83]P. Kumar, C.E. Baum, S. Altunç,† J. Buchenauer, X. Ziao, C.G. Christodoulou, E. Schamiloglu, and K.H. Schoenbach, "A Hyperband Antenna to Launch and Focus Fast, High-Voltage Pulses onto Biological Targets," *IEEE MTT*, vol. 59, 1090-1101 (2011).
- [84]N.R. Devarapalli, C.E. Baum, C.G. Christodoulou, and E. Schamiloglu, "A Fan-Beam Radiator Using Waveguide's Narrow Wall for Horizontal Polarization and High Power," *IEEE Trans. Electromag. Compat.*, vol. 53, 380-389 (2011).
- [85]M. Liu,\* C.-L. Liu, D. Galbreath,\* C. Michel,\* S. Prasad,† M.I. Fuks,† and E. Schamiloglu, "Frequency Switching in a Relativistic Magnetron with Diffraction Output," *J. Appl. Phys.*, vol. 110, 033304-1-7 (2011).
- [86]J.O. Rossi, E. Schamiloglu, and M. Ueda, "Advances in High Voltage Modulators for Applications in Pulsed Power and Plasma-Based Ion Implantation (PBII)," accepted to appear in *IEEE Trans. Plasma Sci.* (2011).