

Alexander B. Yakovlev received the Ph.D. degree in Radiophysics from the Institute of Radiophysics and Electronics, National Academy of Sciences, Ukraine, in 1992, and the Ph.D. degree in Electrical Engineering from the University of Wisconsin at Milwaukee, in 1997. In summer of 2000, he joined the Department of Electrical Engineering at the University of Mississippi, where at present he is an Associate Professor.

His research interests include mathematical methods in applied electromagnetics, homogenization methods for metasurfaces and wire-medium based metamaterials, negative refraction, sub-wavelength imaging, super-lenses, high-impedance surfaces for antenna applications, electromagnetic band-gap structures, graphene, wideband absorbers, theory of leaky waves, transient fields in layered media, catastrophe and bifurcation theories.

Dr. Yakovlev received the Young Scientist Award at the 1992 URSI International Symposium on Electromagnetic Theory, Sydney, Australia, and the Young Scientist Award at the 1996 International Symposium on Antennas and Propagation, Chiba, Japan. From 2003 to 2006, he was an *Associate Editor-in-Chief of the ACES Journal*, and from 2005 to 2008 an *Associate Editor of the IEEE Transactions on Microwave Theory and Techniques*. He is a Senior Member of the IEEE (Microwave Theory and Techniques Society and Antennas and Propagation Society) and Member of URSI Commission B. He is a coauthor of the book *Operator Theory for Electromagnetics: An Introduction*, Springer, New York, NY, 2002.