

Mikhail Glyavin was born in Nizhny Novgorod, Russia, in 1965. He received the Ph.D. degree and Dr. Sci. degree in physics from the Institute of Applied Physics, Russian Academy of Sciences, in 1999 and 2009, respectively. After graduation of the Politechnical Institute, Gorky, USSR, in 1988, he joined the Institute of Applied Physics of the Russian Academy of Sciences (IAP RAS, where he is engaged in the development of high-power gyrotrons for nuclear fusion and other applications. His dissertation was focused on studies of gyrotrons, development of gyrotron based systems for technological applications and more specifically on methods for increasing the gyrotron efficiency and mastering of THz band. From 1999 up to now, at intervals, he was a Visiting Professor at the FIR FU Center, Fukui, Japan. Currently, he is a Deputy Director of Research at IAP RAS and Head of Gyrotron division of IAP RAS. M. Glyavin is a leading specialist and worldwide renowned scientist in the fields of radiophysics and physical electronics. His research interests are in the field of the theoretical and experimental investigations of various gyro-devices, including gyrotrons and their application to materials processing and diagnostic of various media ($H=30$, more than 350 publications, 3200 citations). Among his remarkable results are the following: a study of the processes of interaction of helical electron flows with eigenmodes of various electrodynamic systems and the proposal of new principles and design of various gyro-devices; development of a series of technological complexes for microwave processing of materials with increased efficiency and functionality; the formation of the foundations of a new promising direction - powerful sources of radiation in the terahertz frequency range. Under his leadership and with his direct participation, record-breaking frequencies, powers and spectral characteristics of the radiation of gyro devices were achieved both in pulsed and continuous modes of generation; pioneering work on initiating a localized gas discharge, experiments on gas spectroscopy with record sensitivity were performed. M. Glyavin conducts teaching work, supervising graduate students and students, and lecturing at the University of Nizhniy Novgorod N.I. Lobachevsky. He manages the collaborative research with the Research Center for development of the Far-Infrared Region at the University of Fukui (FIR UF) in Japan (FIR FU, Fukui, Japan), and the University of Maryland in the US.