



Nikita M. Ryskin

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Nikita M. Ryskin received the Diploma, Ph.D., and D.Sc. degrees from Saratov State University (SSU), Saratov, Russia, in 1991, 1996, and 2005, respectively.

He has been with Saratov State University (SSU) since 1991 and with Saratov Branch of V.A. Kotel'nikov Institute of Radio Engineering and Electronics, Russian Academy of Sciences (SB IRE RAS) since 2013. He is currently the Head of Vacuum Micro- and Nanoelectronics Laboratory at SB IRE RAS and the Chair of Department of Dynamical Systems, SSU.

In 2016 and 2019, he was a Visiting Professor with Research Center for Development of Far-Infrared Region, University of Fukui (FIR FU), Fukui, Japan.

Prof. Ryskin has co-authored more than 150 journal articles and conference papers, as well as 3 textbooks for university students. He conducted research on time-domain simulation of nonlinear and chaotic phenomena in various vacuum microwave electron devices (traveling-wave tubes, backward-wave oscillators, klystrons etc.). His current research interests include development of miniaturized sub-THz and THz vacuum tubes as well as theoretical study of nonlinear phenomena in gyrotrons and other microwave tubes. Prof. Ryskin has been Senior Member, IEEE since 2010. He served a member of the IEEE EDS Vacuum Devices Technical Committee in 2015-2018. He has been a Vice-Chair of IEEE Russia Section since 2019.