

# Short biography of V. Plessky



Victor Plessky was born in Gomel, (Belarus) 02 July 1952. He received his PhD degree from Moscow Physical-Technical Institute (“FizTech”) in 1978 and D. Sc. Degree for the Russian Government in 1987. He has worked for over 40 years in the area of surface acoustic wave (SAW) physics and devices. He predicted theoretically (together with Yu. Gulyaev and independently from Auld, Gagnepain, and Tan) the existence of Surface Transverse Waves (STW) a new type of waves now widely used for design of high-Q resonators. His theory of the leaky wave propagation in periodic grating (so-called “Plessky equation”) was the basis for understanding leaky waves propagation in periodic structures. He has published more than 300 papers and authored about 30 patents. As a Visiting Professor, he collaborated for more than 12 years with the Helsinki University of Technology, Espoo, Finland. He has lectured at Freiburg Uni., EPFL (Lausanne), and Angstrom Lab, (Sweden). He also held the position of Chair of Excellence in ENSMM (Technical University, Institute FEMTO) in Besançon, France during 2011-2012. He has supervised and was consultant of 14 Ph.D. theses. Dr. V. Plessky holds a title of “Full Professor” granted to him by the Russian Government in 1995. He was a winner of the Lenin Komsomol award (3rd state Premium in ex-USSR) for young scientists, 1978, and has received the “Outstanding paper” award from IEEE in 2001. Currently he works in Switzerland as R&D Director for a small consulting company GVR Trade SA ([www.gvrtrade.com](http://www.gvrtrade.com)), now a wholly owned subsidiary of Resonant Inc., Santa Barbara, CA.

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