

**TATIANA
ANTROPOVA
RUSSIA**



Associate Professor Tatiana Victorovna Antropova is a recognized scientist in the field of physical chemistry and technology of inorganic phase-separated and porous glasses, and nanocomposites based on them.

T.V. Antropova graduated from Leningrad State University in 1979, Dr Sc. (Physical Chemistry, 2006) – at Grebenshchikov Institute of Silicate Chemistry of Russian Academy of Sciences. She works at this Institute as research scientist from 1984 up to now including as the Head of Laboratory of the Physical Chemistry of Glass (since 2008).

•Her primary field of research is Glasses and Glass-Ceramic Composites for Optics, Photonics, and Electronics. She has developed the kinetic model of interfacial interaction of oxide alkali borosilicate glasses with aqueous acid-salt solutions and successfully used it for synthesis of the new high-silica nanoporous glasses with excellent adsorption properties and creation on their basis a new nanocomposite vitreous and glass-ceramic materials with unique properties, such as photochromic quartz-like glasses with plasmon structures; new magnetite-containing glasses; nanocomposites with ferroelectric and multiferroic properties; luminescent quartz-like glasses.

T.V. Antropova has published more than 150 articles including 46 authored/116 coauthored ones in Russian and International journals and 7 patents held. She is D. I. Mendeleev Prize Winner (2016, Russia).

T.V. Antropova is the Scientific Secretary of Russian National Commission on Glass, the Member of the Board of St. Petersburg Branch of the D. I. Mendeleev Chemical Society and the Member of the D.S. Rozhdestvensky Optical Society (Russia). She is the Member of the Russian Ceramic Society since 2013.