

## Prof. Viktor Malyshev

University "Ukraine", Institute of Engineering & Technology, Kyiv, Ukraine



Prof. Viktor Malyshev completed his D.Sc. in 2007 at the V.I. Vernadskii's Institute of General and Inorganic Chemistry of the National Academy of Sciences of Ukraine (IGIC NASU). Since 2009, he is the Director of the Institute of Engineering & Technology at the University "Ukraine" (IET UU). Also, since 2009, he is working as the Head of the Department of High-Temperature Electrochemical Synthesis at the IGIC NASU. In 2010 he is awarded by the academic title of Professor at the Department of Chemistry and Modern Chemical Technologies of the IET UU. Besides, he was selected as an scientific expert for journals "*Metallurgy*", "*Journal of Surface Engineered Materials and Advanced Technology*", and "*International Journal of Corrosion*". He is the author of more than 750 scientific publications including 3 monographs, 8 textbooks, and 17 patents of USSR and Ukraine. Within 22 joint international research projects participated by him, he worked and taught in universities and research institutes of France (Paris and Marseille), Germany (Darmstadt), Austria (Wiener Neustadt), China (Shanghai), Slovakia (Bratislava), Slovenia (Ljubljana), Hungary (Budapest and Miskolc), Romania (Bucharest), Lithuania (Vilnius), and Belarus (Minsk).

Since 2004, under the guidance of V. Malyshev, the research team is functioning in the field of new technologies for obtaining refractory metals and synthesizing compounds on their basis from ionic melts. The research topics range of this research team is expanding continuously and comprises now the research concerning high-, middle-, and low-temperature melts, as also industry wastes recycling. Modern developments of nano-scale science and technology are the basis for fundamentally new chemical and electrochemical processes for refractory and noble metals obtaining and for synthesis of their compounds with nonmetals. Combination of fundamental and applied research is the main feature of the research team headed by Prof. Malyshev. As of today, his research team includes 6 post-graduate students and 2 doctorants.

As a result of his scientific and educational activities, V. Malyshev was awarded the Diploma of the Honored Master of Sciences and Engineering of Ukraine (2015).