

Professor B.V.Grynyov – 60 years



Borys Viktorovych Grynyov is a well-known scientist, an outstanding manager of Ukrainian science and a renowned public leader. He is a Full Member of the National Academy of Sciences of Ukraine, Honored Scientist and Technologist of Ukraine, Doctor of Technical Sciences, Professor. The scope of scientific interests of Prof. B.V. Grynyov includes modern problems of solid state physics, materials science, instrument engineering. He has founded a scientific school studying of fundamental processes of interaction of electromagnetic radiation with condensed media, properties of scintillation materials, and search for new scintillators for various fields of application.

Under his scientific guidance, new classes of scintillation materials have been created - alkaline-earth and rare-earth borates, unique plastic scintillators of up to 1000 kg mass with record-breaking transparency and radiation stability, and their production technologies have been developed.

Prof. B.V. Grynyov has initiated and organized production of extra pure salts for alkali halide single crystals. Under his leadership, studies are carried out on scintillation materials for search of rare nuclear processes, such as double beta-decay and interaction of dark matter particles, and production technologies of these materials are being developed.

From 1996 to 2002, Prof. B.V. Grynyov was Director of the Institute for Single Crystals and General Director of Scientific and Technological Complex "Institute for Single Crystals". In 2003, he became Director of the Institute for Scintillation Materials of the national Academy of Sciences of Ukraine, which was created under his initiative. Since 2011, he has been Chief Research Manager of this Institute and Head of its Scientific Board.

Prof. B.V. Grynyov is the founder and Chief Editor of the book series "State and Prospects of Development of Functional Materials for Science and Technology", Editorial Board member of scientific journal "Functional Materials" that was initiated by him, as well as of several other academic journals.

Under scientific supervising of Prof. B.V. Grynyov, eight Doctor of Science and eight Candidate of Sciences theses have been defended. He is the author of more than 800 scientific publications, 175 patents, 30 monographs, books and textbooks. He holds the Chair of Crystal Physics at V.N. Karazin Kharkiv National University.

In 1997-2000, he served as Deputy Minister of the newly created Ministry for Science and Technologies, and in 2010-2014 - First Deputy of the Head of State Agency of Ukraine for Science, Innovations and Informatization. Under his guidance and with his active participation, more than 70 normative legal documents have been developed. One should specially note the new reduction of the Law of Ukraine "On priority directions of development of science and technology", the document package on associated membership of Ukraine in CERN. In 2014, under proposal of the National Academy of Sciences, he was elected as Head of the State Basic Research Foundation of Ukraine.

The Editorial Board of Functional Materials, as well as all his colleagues of the Institute of Scintillation Materials and Scientific-Technological Complex "Institute for Single Crystals" send their congratulations to Prof. B.V. Grynyov on the occasion of his 60th birthday and wish him good health, personal happiness and new great achievements in his scientific and public activities.