



MIKHAIL IVANOVICH FEDOROV

(DEDICATED TO 60-th BIRTHDAY)

July 3 this year is the date of 60-th anniversary of Mikhail Ivanovich Fedorov – associate member of the International Thermoelectric Academy, doctor of science in physics and mathematics, professor, head of Laboratory for Physics of Thermoelements at A.F. Ioffe Physics and Technical Institute, Russian Academy of Sciences, a well-known specialist in thermoelectric power conversion and thermoelectric material research.

He graduated from the Physics Faculty of A.A. Zhdanov Leningrad State University. After graduation, in 1975 he joined A.F. Ioffe Physics and Technical Institute, USSR Academy of Sciences (now Federal budgetary institution of science A.F. Ioffe Physics and Technical Institute, Russian Academy of Sciences), where he consecutively occupied positions of intern researcher, junior researcher, researcher, senior researcher, leading researcher, and since April 2010 – head of Laboratory for Physics of Thermoelements. His PhD thesis was maintained in 1981, doctoral – in 2007. The title “senior research fellow” was conferred in 1992. Since 2008 he has occupied the second job of Professor at the Department of Electronics and Electric Engineering of Saint-Petersburg State University of Refrigeration and Food Technologies.

M.I. Fedorov is engaged in the research of thermoelectric properties of a series of transient metal silicides, as well as compounds of magnesium with fourth group elements and thermoelements on their basis. Among his works are studies on the optical properties of cobalt monosilicide. He has actively studied higher manganese silicide. Today M.I. Fedorov is mainly involved in the research on solid solutions of *p*-type Mg_2X compounds. As head of the laboratory, he is in charge of a series of international projects, such as projects of the International Science and Technology Centre, European project, is deputy manager of the project implemented for Industrial Technology Development Institute and others.

Mikhail Ivanovich is the author or co-author of 140 published works and inventions, including over 10 monographic papers.

M.I. Fedorov carries out considerable science organization work. He is member of Scientific Council of the Division of Physics and Dielectrics of Physics and Technical Institute from the date of Council foundation in 1987, associate member of International Academy of Refrigeration (since 2008), expert of State Corporation “Russian Corporation of Nanotechnologies” (since 2008), member of the Board of Directors of the European Thermoelectric Society (since 2009), full-fledged member of the International Academy of Refrigeration (since 2010).

For success in his work M.I. Fedorov was awarded the medal “In Commemoration of the 300-th Anniversary of Saint-Petersburg” (2004) and a prize at the best works competition among the colleagues of A.F. Ioffe Physics and Technical Institute (2006).

International Thermoelectric Academy, Institute of Thermoelectricity NAS AND MESYS OF Ukraine, editorial board of “Journal of Thermoelectricity” congratulate dear Mikhail Ivanovich Fedorov with jubilee, wish him sound health, creative inspiration, inexhaustible optimism and substantial success in scientific activities.