



ELENA IVANOVNA ROGACHEVA

(Dedicated to 75-th birthday)

On October 21, 2012 Elena Ivanovna Rogacheva, associate member of the International Thermoelectric Academy, Doctor of Science in Physics and Mathematics, professor, a well-known scientist in thermoelectric materials research celebrated her 75-th birthday.

Having graduated in 1960 from Kharkiv Polytechnic Institute (at the present time – National Technical University “Kharkiv Polytechnic Institute”), E.I. Rogacheva worked in Semiconductors Laboratory of Research Institute for Basic Chemistry, simultaneously pursuing postgraduate studies at Metal Physics Department under the supervision of professor L.S. Palatnik. In 1968 she became PhD in Engineering, and in 1990 – Doctor of Science in Physics and Mathematics in the specialty “Physics of Semiconductors and Dielectrics”. Since 1967 to this day she has been with the National Technical University “Kharkiv Polytechnic Institute”, since 1991 – professor of Theoretical and Experimental Physics Department, Head of Semiconductor Material Science Laboratory that served the basis for creation of educational laboratory course. Under her supervision 8 PhD theses have been defended. Professor Rogacheva is a member of a specialized board for the defense of doctoral theses, member of Semiconductor Material Science Division of the NAS Ukraine Scientific Board on the problem of “Physics of Semiconductors”; member of “Journal of Thermoelectricity” editorial board, member of International Optical Society, Ukrainian Physical and Thermoelectric Societies, since 2007 – associate member of the International Thermoelectric Academy.

The main research line is development of scientific foundations for thermoelectric materials science, including such issues as physics of phases of variable composition, nonstoichiometry and impurities in semiconductors, size effects in nanostructures.

The works of professor Rogacheva’s school of thought are well known to the international scientific community. She is the author and coauthor of more than 230 scientific works (including two monographs) many of which were published in leading international journals, and nearly 300 international conference reports.

In 2005 E.I. Rogacheva was awarded with a commemorative medal of CRDF Foundation and honorary certificate of Ministry of Education and Science of Ukraine “For Considerable Contribution to the Development of International Cooperation Between Ukraine and USA”, in 2008 she became laureate of L.S. Palatnik “Kharkiv Intellect” Prize, in 2009 received an honorary certificate of the International Thermoelectric Academy “For the Achievements in Thermoelectric Material Science”, in 2010 awarded with a badge of Ministry of Education and Science of Ukraine “For Scientific Achievements”.

International Thermoelectric Academy, Institute of Thermoelectricity of the National Academy of Sciences and Ministry of Education and Science, Youth and Sports of Ukraine, “Journal of Thermoelectricity” Editorial Board congratulate the esteemed Elena Ivanovna Rogacheva on her 75-th jubilee and wish her sound health, happiness, inexhaustible energy and creative achievements.