



**LUSTE OLEG JANOVICH**  
**(DEDICATED TO 70-TH ANNIVERSARY)**

April 11 this year is the date of 70<sup>th</sup> anniversary of Oleg Janovich Luste, academician of the International Thermoelectric Academy, Doctor of Science in Physics and Mathematics, prominent specialist in the area of physics of thermoelectricity.

O.J. Luste was born in the village of Krasny Oktyabr, Sokuluk District, Kyrgyzstan. On finishing a secondary school in Chernivtsi (Ukraine), in 1960 he entered the Faculty of Physics and Mathematics of Chernivtsi State University which he graduated from in 1964 and acquired a profession of physicist with a specialty “physics of semiconductors”.

Since 1965 he worked in Chernivtsi State University holding positions of a senior laboratory technician, engineer, senior research fellow, senior engineer, assistant, senior teacher, associate professor and head of department in “Phonon” Design Bureau attached to Chernivtsi State University.

His Ph.D. Thesis was maintained in 1968 and Doctoral Thesis – in 2002.

The main guidelines of O.J. Luste’s research activity are thermoelectric material science, theory of energy and information thermoelectric conversion, theory of reliability in thermoelectricity, thermoelectric instrument making and microcalorimetry. O.J. Luste contributed significantly to creation of a generalized theory of thermoelectric energy conversion. He also has accomplishments in other areas related to thermoelectricity. For instance, through use of microcalorimetry, physical models of thermal defect relaxation in thermoelectric materials were developed. Mathematical models of a dynamics in microorganism evolution were created. These investigations allowed estimation of rational doses of antibiotics, as well as creation of methods for determination of bacterial contamination of air and aqueous media that are particularly relevant today.

O.J. Luste is the author of the books “The Use of New Physical Principles in Electrical Instrument Making” (1974) and “Microcalorimetry” (1981) written in co-authorship with L.I. Anatychuk, as well as over 100 scientific publications and patents.

Oleg Janovich is an active participant in the International forums and conferences on thermoelectricity, member of International Thermoelectric Society (since 1992), academician of the International Thermoelectric Academy (since 1994).

He has efficiently combined his research and scientific-organizational work with teaching activities. For more than 40 years he has delivered lecture courses at the Department of Thermoelectricity of Yu.Fedkovych Chernivtsi National University.

For successes in his work O.J. Luste was awarded N.Ostrovsky Prize (1972), the Medal “Veteran of Labour” (1982), the Golden Prize of the International Thermoelectric Academy and the Decoration of the National Academy of Sciences of Ukraine “For Training Young Generation in Science” (2008).

The International Thermoelectric Academy, Institute of Thermoelectricity of the NAS Ukraine, “Journal of Thermoelectricity” Publishers congratulate the esteemed Oleg Janovich Luste on his jubilee, wishing him good health, happiness and new scientific achievements.