
INTERNATIONAL THERMOELECTRIC ACADEMY

YURIY GENRIKHOVICH GUREVICH

(DEDICATED TO 70-TH BIRTHDAY)



This 1st of November is the date of 70th anniversary of Yuriy Genrikhovich Gurevich, a well-known physicist, Doctor of Science in Physics and Mathematics, Vice-President of the International Thermoelectric Academy, professor of Physics Department of Center for Research and Advanced Studies of the National Polytechnic Institute in Mexico (CINVESTAV – I.P.N).

The range of his research interests covers the nonlinear theory of electromagnetic waves propagation in semiconductors and plasma; theory of transport phenomena of confined semiconductors in strong temperature and electric fields; new mechanisms of thermo- and photogalvanics generation in semiconductors; electric instability in semiconductors; creation of thermoelectric and ecologically pure photoelectric converters; electric and photon thermal waves in semiconductors.

Yu. Gurevich is the author of three monographs, twelve chapters in the scientific publications, five manuals for universities, nearly two hundred journal publications, over four hundred reports to scientific conferences, and two certificates of authorship. Under the scientist's supervision, three doctors and nineteen candidates of science have been trained.

Yuriy Genrikhovich Gurevich is an academician of the International Thermoelectric Academy, a member of scientific board "Thermoelectric materials and their application" of the National Academy of Sciences of Ukraine, an expert of governmental scientific and technical programs "Ukraine-2002", a corresponding member of the Academy of Engineering Science of Ukraine (1996), a permanent member of the Mexican Academy of Sciences, an honorary member of the Advisory Council of Research (American Biographical Institute, USA), since 1995 – an honorary member of the Advisory Council of the International Biographical Center (Cambridge, England), a member of Committee for awarding prizes of the Mexican Society of Science for Surfaces and Vacuum for the best PhD thesis. Yu. Gurevich was a researcher and head of many projects of California Institute of Mexico and USA (UC MEXUC) and the Mexican National Council of Science and Technology (CONACYT) from 1994 till 2012.

Professor Gurevich was elected a member of "Physics and Chemistry of Solid State" and "Journal of Thermoelectricity" editorial boards.

For his fruitful research and organizational activity Yu. Gurevich has been awarded with a Diploma of the International Thermoelectric Academy, honoured with a title "National Researcher Level II, The National System of Researchers, Mexico, 1995" and "National Researcher Level III, the National System of Researchers, Mexico, 1998", and Francisco Mejia Lira Award, Mexican Society of Science and Technology of Surfaces and Materials (2003), as well as commended for participation in the project ETI@home and study on the data of search for extra-terrestrial civilizations pursued by California University in Berkeley and sponsored by the Planetary Society (USA, 2000).

International Thermoelectric Academy, Institute of Thermoelectricity of the NAS and MES of Ukraine, "Journal of Thermoelectricity" Publishers sincerely greet the esteemed Yuriy Genrikhovich Gurevich on his 70-th jubilee, wishing him sound health, inexhaustible energy, happiness and new achievements.