
MOYSEY KIVOVYCH SHEINKMAN (on his 75th Birthday)

Sheynkman Moysey Kivovych is the outstanding Ukrainian scientist in the field of physics of semiconductors, photoelectronics, photo- and optoelectronic materials science, one of the founders (together with Academician V.E.Lashkaryov) of the native school of the physics of non-equilibrium processes in semiconductors and photoelectronics, which he heads at present.

He was born on November 18, 1929 in Kyiv. In 1952, he graduated with honors from the Faculty of Physics of Taras Shevchenko Kyiv State University and was directed to one of the enterprises of the Minoboronprom of USSR in Novosibirsk, where he was promoted, for a short time, from an engineer up to the head of a laboratory.

In 1955, he entered the postgraduate course of the Institute of Physics of the NAS of Ukraine and then successfully defended the Candidate's thesis on phys.-math. sciences in 1959. Starting from 1960, he is working at the Institute of Semiconductors of the AS of Ukraine (at present, V.E. Lashkaryov Institute of Semiconductor Physics of the NAS of Ukraine) as a senior scientific researcher from 1961, and as the head of a department from 1970. In 1969, he defended the Doctor's thesis on phys.-math. sciences. M.K. Sheynkman became Professor in 1972 and was elected a Corresponding member of the NAS of Ukraine in 1988.

M.K. Sheynkman derived a number of fundamental physical results, in particular, he discovered the new mechanism of non-radiative recombination and founded a new area in the solid-state physics, beginning to study the electron-atomic stimulated processes which lead to the degradation and ageing of devices. He made a significant contribution to the development of various photoelectric light detectors. The scientific results of M.K. Sheynkman are well known to the world scientific community.

For many years, he was lecturing as an invited professor in Taras Shevchenko Kyiv National University



and gave lectures and presented scientific reports in L'viv, Uzghorod, Chernivtsi, Odesa National Universities, and also in numerous universities of Russia and other countries.

Moysey Kivovych presented invited reports at many scientific conferences of the high international level, many times was a member of the organizing committees of international conferences, and headed the organizing committees of many conferences in Ukraine and USSR.

Since 1956 during his scientific and pedagogical activity, he have published more than 400 scientific papers, including 3 monographs and 30 author's certificates on inventions, and trained 16 Doctors of sciences and 48 Candidates of sciences. His followers are working at the higher schools, universities, enterprises, firms, and research institutions of Ukraine, Russia, USA, Japan, Mexico, and Sweden. With many of them, M.K. Sheynkman continues joint scientific investigations.

M.K. Sheynkman is engaged in the active scientific-organizational work, is a member of the editorial boards of scientific journals “Physics and Semiconductor Technique” and “Semiconductor Physics, Quantum Electronics, and Optoelectronics”, and is the head of a specialized scientific council, where Candidate theses are defended.

He is Laureate of the State Prize of Ukraine in the field of science and technology (1981), State Prize of USSR in the field of science and technology (1984), State

Prize of Ukraine in the field of science and technology (1995), and Meritorious Science Worker of Ukraine (1995). M.K. Sheynkman was awarded by the order “For the merits” III degree and by medals.

Colleagues, friends, and disciples sincerely congratulate Moysey Kivovych with the jubilee and wish him the good health and new achievements in science for the welfare of our people and Ukraine.

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