Honorary issues dedicated to the 60-th anniversary of Professor Ihor Stasyuk

On 23 September 1998, Professor Ihor Stasyuk will celebrate his 60th birthday. On this occasion the Editorial Board of "Condensed Matter Physics" as well as his collegues and collaborators wish to honour him with a collection of scientific papers. Many researchers from Ukraine and around the world answered positively to the request of contributing their papers to the celebration issues. To these we express our sincere gratitude. The original papers and reviews widely cover the fields of theoretical physics and condensed matter theory which are of Professor Ihor Stasyuk's scientific interest. Two issues of "Condensed Matter Physics" (1998, vol. 1, No 1(13), 2(14)) contain articles on the theory of systems with strong electron correlations, high-temperature superconductors, selected problems of theoretical physics and condensed matter theory, hydrogen-bonded systems and ferroelectrics, as well as the general issues of the solid state theory. We were not able to include into this collection of papers scientific works (except for two papers) by representatives of a large scientific school of Professor Stasyuk.

Professor Ihor Stasyuk is well-known Ukrainian physicist-theorist, Corresponding Member of the National Academy of Sciences of Ukraine, full member of the Shevchenko Scientific Society, Doctor of Science in Physics and Mathematics.

Ihor Stasyuk was born on the 23th of September 1938, in Berezhany Ternopil' region. He graduated from school in 1954 in Stryj. The same year he entered Lviv State University (Department of Physics) and graduated from it in 1959 with honours.

Ihor Stasyuk started his early research work already during student years and continued it during his postgraduate studies (1959-1962) guided by Professor Abba Glauberman. The result of his postgraduate study was his Cand.Sci. (Ph.D.) thesis "The Method of Site Elementary Excitations in the Theory of Nonmetallic Crystals" (1963). In 1962, he received the position of an assistant, then assistant professor of the Department of the Solid State Theory and Department of Theoretical Physics at I. Franko Lviv State University. During 1978-1983 Ihor Stasyuk continued his research work at the Institute of Applied Problems of Mechanics and Mathematics of the Academy of Sciences of Ukraine. Since 1983 Ihor Stasyuk has been working at Lviv Division of the Institute for Theoretical Physics (ITP) of the Academy of Sciences of Ukraine. In 1995 his research activity led to the Doctoral (Habilitation) thesis "Theory of Induced by External Fields Effects in Crystals with Structural Phase Transitions". In 1990, Lviv Division of the ITP was reorganized into the Institute for Condensed Matter Physics (ICMP) of the National Academy of Sciences of Ukraine. Since the foundation of the ICMP Ihor Stasyuk is the Research Deputy Director and Head of the Quantum Statistics Department.

In 1995, Ihor Stasyuk was elected the Corresponding Member of the National Academy of Sciences of Ukraine.

The main scientific achievements of Professor I.Stasyuk concern the solid state theory. He is widely recognized for developing mathematical methods of the multi-level systems theory and his research of Fermi-systems with strong short-range correlations and physical phenomena in crystals with phase transitions. Professor I. Stasyuk made essential contributions to the theory of various effects induced by external fields in crystals, to parametric optics and investigation of anharmonic systems. Today Professor Stasyuk is one of the leading Ukrainian scientists in the field of the theory of ferroelectrics and hydrogen bonded systems. He is the author of more than 370 scientific papers.

Professor I. Stasyuk is a prominent teacher. He always combines his research work with the educational activites. Twelve researchers under his supervision became Candidates of Sciences; two now are Doctors of Sciences. Numerous generations of students of Lviv State University remember his brilliant lectures in Theoretical Physics, as well as more specific courses in quantum statistics, group theory, solid state theory, phase transitions theory, mathematical methods in theoretical physics, etc.

Professor I. Stasyuk is an active organizer of sciece, associate editor of the "Condensed Matter Physics". Ihor Stasyuk has been head and a member of organizing and programme committees of many international and Ukrainian physical conferences.

Editorial Board of the "Condensed Matter Physics", collaborators from the Institute for Condensed Matter Physics and the authors of this honorary collection congratulate Professor Ihor Stasyuk on his 60th birthday and wish him good health and many more years of fruitful scientific work.

List of main publications of Prof. Dr. Ihor V. Stasyuk

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4. Stasyuk I.V., Glauberman A.E. On the many electron theory of semiconductors with impurities. // Ukr. Fiz. Zhurn., 1961, vol. 6, No 5, p. 642-654 (in Ukrainian).
5. Stasyuk I.V. Method of site elementary excitations in the theory of nonmetallic crystals. Abstract of thesis for a scientific degree of candidate of physics and mathematics. Lviv, 1963, 7 p.
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