

Khmelnysky. There are 22 institutes of the National Academy of Sciences of Ukraine, three state-owned enterprises, more than 80 higher education institutions, more than 50 branch research organizations, employing more than 26 thousand scientific and scientific-pedagogical workers, including more than 2500 Doctors of sciences and 14000 Candidates of Sciences. The institutions of the Western Scientific Center of the National Academy of Sciences of Ukraine today employ about 2300 employees, including more than 1200 scientists, 12 Academicians and 26 Corresponding Members of the National Academy of Sciences of Ukraine, which multiply the achievements of the Academy.

Remembering the glorious history and looking into the future with optimism, we firmly believe in the further development of the National Academy of Sciences of Ukraine and the strengthening of its potential among the world's leading scientific organizations and institutions.

R. A. Vorobel

**THE Vth SCIENTIFIC CONFERENCE “COMPUTATIONAL METHODS
AND INFORMATION TRANSFORMATION SYSTEMS–2018”
IN HONOR OF PROF. BOHDAN POPOV**

The Vth Scientific and Technical Conference “Computational Methods and Information Transformation Systems” in honor of Prof. Bohdan Popov was organized by H. V. Karpenko Physico-Mechanical Institute of the National Academy of Sciences of Ukraine (NASU) together with Ya. S. Pidstryhach Institute for Applied Problems of Mechanics and Mathematics of the NASU and the Centre of Mathematical Modelling of IAPMM NASU, Shevchenko Scientific Society, Section of Informatics of the Western Scientific Center of NASU and the Ministry of Education and Science of Ukraine in Lviv on October 4–5, 2018.



Conference participants.

Bohdan Popov was born on October 8, 1940 in Perm (Russia). He graduated from the Faculty of Mechanics and Mathematics of the Lviv State University in 1963. Since 1965 he was working in the H. V. Karpenko Physico-Mechanical Institute of the National Academy of Sciences of Ukraine. In 1970, he defended his Candidate thesis in

the Institute of Cybernetics of the Academy of Sciences of the UkrSSR, and in 1988 – a Doctoral degree thesis at the Joint Institute of Nuclear Research (Dubna, Russia). Doctor of Sciences (Physics and Mathematics), Professor (1996), Head of the Department of Computational Methods and Information Transformation Systems of the Physico-Mechanical Institute of NASU.

Bohdan Popov was the founder of the scientific school for the balanced approximation of functions by splines, he supervised two doctors of sciences and 12 candidates of sciences, published 13 books and about 300 scientific works. Suddenly passed away on March 8, 2002.

The conference was opened by the Director of the H. V. Karpenko Physico-Mechanical Institute of the National Academy of Sciences of Ukraine, Academician Z. T. Nazarchuk. The reports were presented in four sections: computational methods (Doctor of Science, professor A. Ya. Bomba from Rivne State Humanitarian University), mathematical models and systems (Doctor of Science, Prof. Ya. M. Matviychuk from Lviv Polytechnic National University), image processing and pattern recognition (supervisor – Doctor of Science, Prof. B. P. Rusyn from Karpenko Physico-Mechanical Institute), processing of measuring information, algorithms and software (Doctor of Science E. P. Pochapsky).

Representatives of various scientific schools of Kyiv and Kharkiv, Lviv and Rivne, Ternopil and other Ukrainian cities participated in the conference. Proceedings of the conference were published. The next Sixth conference will be held in 2020.

R. A. Vorobel