

OUR COLLEAGUE – PROFESSOR ZORYAN G. PIKH
CELEBRATES HIS 60TH ANNIVERSARY

Professor Zoryan Grygorovych Pikh – Vice-Rector of Lviv Polytechnic National University, DSc (in chemical sciences), Head of Department of Chemical Technology of Organic Substances – was born on June 25, 1950 in Gorodok, Lviv region. After finishing the secondary school he entered Faculty of Technology of Organic Substances of Lviv Polytechnical Institute. In 1972 Z. G. Pikh obtained the diploma with honor of the engineer-chemist-technologist. He started his scientific activity in the field of organic compounds oxidation still being a student, so after post-graduate course Z. G. Pikh defended his PhD thesis (1978) entitled “Oxidation of higher -alkylacroleins by oxygen and peroxides”.

Working as an assistant and further as an associate professor, Z. G. Pikh continued investigations in the field of kinetics and mechanisms of organic compounds oxidation, mathematical description and investigation procedure of complex chemical reactions and processes. On the basis of systematical investigations he formed and proved the conception of correlation of organic oxidation mechanism by different oxidants. He was interested in “joint processes” aimed on using different compounds as raw materials and the production of monomers and oligomers mixtures. The obtained results were summarized in his doctoral dissertation “Selective oxidation of unsaturated compounds”, which was defended in 1994. In 1995 Z. G. Pikh was granted the title of Professor.

Being engaged in the field of development of technologies of organic substances, Prof. Z. Pikh created a new scientific direction of aldehydes and acids formation on the basis of unsaturated compounds and their mixtures. Eight PhD theses were defended under Prof. Z. Pikh’s supervision.

In 2001 Zoryan Grygorovych became the Head of Department of Chemical Technology of Organic Substances. The Department trains students leading to the degrees of Bachelor and Master on such specialities as: “Technology of fermentation production and wine-making” and “Technology of organic substances”, as well PhD students on the specialities “Technology of organic synthesis products” or “Technology of sugary compounds and fermentation products”. During this period his scientific direction was extended by several themes, namely: theoretical basis of high-performance catalytic systems



development for the processes of organic compounds selective conversion with the aim of monomers and polymers production; development of scientific theoretical basis for intensification of biotechnological processes at fermentation plants and utilization of food technologies by-products; establishment of regularities of liquid-phase and heterogeneous oxidation of organic compounds, hydrocarbons oxidative dehydration, olefins oxidative amonolysis and usage of olefin-containing mixtures for monomers and oligomers production. The group under the guidance of Prof. Z. Pikh developed new plasticizers, suggested high-performance ferment chemicals for the increase of raw material conversion during fermentation and optimized the fermentation treatment regime for starch-containing raw material.

Prof. Z. G. Pikh has published more than 100 scientific papers and has got 13 patents. He is the author of the textbook and 4 practical courses, which successfully provide the teaching of main disciplines during Bachelor and Master training.

Prof. Z. G. Pikh is a Chairman of the University specialized academic committee and participates in the activity of Scientific-Educational Centre of Lviv Polytechnic National University, as well as Western Scientific Centre of Ukrainian National Academy of Sciences.

Prof. Z. G. Pikh is full of energy and new ideas. We wish him further progress and good luck!

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