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**THE ROLE OF THE SCIENTISTS OF THE PHYSICS AND TECHNICAL
INSTITUTE OF LOW TEMPERATURES IN THE PREPARATION
OF SCIENTIFIC, TECHNICAL AND ENGINEERING STAFF
IN THE 1960–1990s**

Summary

Historical and scientific analysis of the contribution of scientists of the Physics and Technic Institute of Low Temperatures to the training of scientific and engineering personnel in the 60's – early 90's of the 20th century was the purpose of the study. The role of the Physics and Technic Institute of Low Temperatures and its leading scientists in the preparation of scientific, technical and engineering personnel for enterprises of different industries was determined.

The scientific connections, which were supported by scientists of the Physics and Technical Institute of Low Temperatures with Kharkov`s institutes in the 1960`s and 1990`s, is analyzed. Fruitful cooperation facilitated the opening of new faculties and departments in higher educational institutions of Kharkov, is shown.

Attention is accented on the number scholars of Physics and Technical Institute of Low Temperatures who combined research activities at the institute with teaching staff at higher educational institutions of Kharkiv (KhNU, KhPI, KhAI, etc.) and provided significant support in the preparation of special lectures and enrichment of the material and technical base of higher educational institutions. Information is given on the number of students of physical specialties, who made diploma works at the Institute under the guidance of the Institute`s scientists and continued the education at the Physics and Technical Institute of Low Temperatures.

At the initiative of the Institute's scientists, new faculties and departments were organized in institutes'. In KhPI was created the physics and technic faculty, and later on this faculty the department of «technical cryophysics» was opened, in the National Kharkiv university – the specialty biophysics» was organized.

On the basic of the introduction to the scientific circulation of archival documents, the work of the postgraduate study, which worked from the first year of the founding of the Institute of Low temperatures and was the only one that was in Kharkov in the system of the Academy of Sciences, which took simultaneously candidate and doctoral dissertations, is analysed.

Key words: *Physics and technical Institute of Low Temperatures, scientific and technical staff, engineering staff, qualification council.*