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THE DEVELOPMENT RESEARCH IN COMPUTER SCIENCE IN KIEV POLYTECHNIC IN THE SECOND HALF OF XX - XXI CENTURY

Summary

The study of the history of scientific thought on the development of Computer Science in universities of Ukraine is critical for understanding the course of events, which accompanied the development of this important area of knowledge in our country, and belongs to the complex methodological problems of the history of science and technology.

The aim of the article – is to explore the history of formation and development of research in Computer Science at the National Technical University of Ukraine «Kyiv Polytechnic Institute» during the second half of the beginning of the twentieth century.

The article stipulates that the roots of scientific research on computer Science and computer technology lie in the 30-ies of XX century, when the scientific school of Radio Engineering was founded by V.V. Ogiyevskiy in KPI. Later this school was developed by professors S.O. Kravchuk, E.A. Yakornov, M.U. Ichenko, L.O.Uryvskiy, V.V. Maksymov, O.O. Trubin, K.S. Sunduchkov. At the turn of the century there was created and successfully developed a scientific school on problems of system analysis (scientific leaders – M.Z. Zgurovsky academician NAS of

Ukraine, corresponding member of NAS of Ukraine V.S. Melnyk and professors N.D. Pankratova, P.I. Bidyuk, V.D. Romanenko) and scientific school on the problems of collective design in an intellectual Grid environment (founders and supervisors of the school – professors V.P. Syhorskyi and A.I. Petrenko). Since 70s in the KPI was founded and successfully developed the scientific school on the development of computer technology and computer-aided design (scientific supervisors – H.M. Lutskiy, O.V. Buzovskiy, Y.S. Kanevskiy, V.I. Pustovarov).

Moreover, the article defines the main factors of influence on efficiency of scientific research on Computer Science at NTU «KPI»: availability of trained and erudite scientific personnel; the role of heads of departments of universities in the deployment areas of Computer Science that answered basic profile of the branch; the cohesion of university scholars with the representatives of academic science; the level of development of computer technology.

Keywords: *research, science, Kyiv Polytechnic Institute, scientific school, factors of influence on efficiency of research.*