

**TO THE 110TH ANNIVERSARY OF THE BIRTHDAY OF PROFESSOR
N.P. VOLLENER - THE FOUNDER OF THE DEPARTMENT OF RADIO
RECEIVING DEVICES OF
THE KYIV POLYTECHNIC INSTITUTE**

Hnitetska T.V., Hnitetska G.O., Kravetska V.M., Aleksandrov V.V.

National Technical University of Ukraine

«Ihor Sikorsky Kyiv Polytechnic Institute»

37 Peremohy Ave., Kyiv, 03056

e-mail: gnitetsk@ukr.net

April 9 this year marks the 110th anniversary of the birth of an outstanding specialist in the field of radio engineering, a talented organizer and leader of Vollerner N. P. Naum Pylypovich is a representative of a glorious cohort of teachers, scientists, founders of the radio engineering faculty of NTUU "KPI" - professionals, talented, intelligent, to who were drawn to by their students, imitated them, went through the stage of formation in the profession and became well-known specialists in the field of radio engineering and talented organizers at the enterprises of the country.

In 1944, Vollerner NP organized the department of radio receiving devices, which he headed until 1980. Later, the department was renamed the department of radio reception and signal processing. During its existence, the department, which initially consisted of six employees, grew to more than one hundred and fifty members of the team. It included teachers, scientists, graduate students, engineers, technicians, craftsmen, etc. Hundreds of students got their first professional experience here. It was a family of like-minded people whose purposeful and professional work was carried out under the leadership of Professor Vollerner N.P.

N. P. Vollerner devoted his scientific activity to the study of interference immunity of radio and hydroacoustic equipment, spectral analysis of random processes, etc. The breadth of scientific interests and the understanding of their importance for the defense industry and the national economy prompted Naum Pylypovich to create in 1963 a scientific problem laboratory of hydroacoustics and interference-resistant radio reception. Under the scientific leadership of N. P. Vollerner, the laboratory existed for more than twelve years. Subsequently, on its basis, a special design bureau "Storm" was organized at NTUU "KPI". During the activity of this laboratory, dozens of significant research works were developed, performed and introduced into industry. A significant part of them was carried out on the orders of the country's government. The developments of the laboratory's specialists were awarded high state awards, which shows recognition of the work of

the team of scientists created by Professor Vollerner N.P. High state awards were also awarded to N. P. Vollerner personally. The state allocated funds for the construction of a separate building #11 of the Kyiv Polytechnic Institute to house the premises of the department and the scientific problem laboratory of hydroacoustics and interference-resistant radio reception.

More than three hundred scientific works were published by N.P. Vollerner, including about forty inventions, textbooks, and training aids. Dozens of talented scientists worked under his leadership, the vast majority of whom were nurtured by Naum Pylypovich from the students of the radio engineering faculty. About seventy of them received the degree of candidate of technical sciences in the field of radio engineering and hydroacoustics, nine became doctors of technical sciences [1]. The scientific school of Professor Vollerner N. P. was recognized not only in scientific circles, but also in the radio engineering industry, where his students work. She is also known outside the country. It should be noted that its wider recognition in the world was somewhat hindered by the closure of scientific developments related to the fulfillment of the tasks of the country's defense industry. Pupils of Professor Vollerner N. P. are famous scientists and heads of production. They have their scientific schools and their followers, who implement new developments in the field of radio electronics.

For many years, Professor N. P. Vollerner was a member of the editorial board of the magazine "Izvestia Uzov. Radioelectronics", responsible editor of "KPI Bulletin. Radio Engineering", a member of the Presidium of the International Council for Higher Radio Technical Education of the Ministry of Higher Education of the USSR, others.

In the memory of his students and colleagues, he remains a wise and highly qualified mentor, a restless and decent person. Naum Pylypovych introduced a named scholarship to support talented students. He knew how to courageously withstand the blows of fate. Even when he lost the people dearest to him, and darkness enveloped his eyes, he continued to work on the monograph and found the strength to support his students and their families. This communication remained in my memory forever, the mention of which at different moments of my life helps me make the right decisions.

REFERENCES

1. Wallerner Naum Filippovich. Biography [Electronic resource]. Access mode: <https://kpi.ua/ru/vollerner-about>