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**ACADEMICIAN YEVHEN O. PATON AS A REPRESENTATIVE
OF PROFESSOR L.D. PROKURYAKOV'S SCIENTIFIC
AND TECHNICAL SCHOOL**

Summary

The article is devoted to the key milestones of the life and work of Yevhen Oskarovich Paton (1870–1953) – the founder of national electric welding and bridge construction. A biographical reconstruction of the formation of the scientific outlook of an outstanding scientist (1870–1905) is proposed. For the first time, personal and value-based influence of the teacher and mentor L.D. Proskuryakov on the formation of Paton's scientific paradigm is characterized.

The scientific and pedagogical activity of Yevhen Oskarovich in Moscow Engineering College (1896–1904) is determined and analyzed. The influence of L.D. Proskuryakov on the formation of scientific and pedagogical worldview of Ye.O. Paton as well as the role of the latter in Proskuryakov's scientific and technical school is highlighted. The first scientific articles of Ye.O. Paton on bridge issues are analyzed. The eliminating influence of a personality in the history of science and technology, namely, L.D. Proskuryakov on Ye.O. Paton is stressed.

The historiography of the outlined problem shows that the issue was reflected in a number of encyclopedic, scientific, popular science and educational research. The foregoing has formed the asymmetry of historiography and outlines a number of previously unsettled parts of the problem the publication deals with. The paper is based on historical-chronological and comparative analysis methods, logical method along with the documentary and historiographical base of the works of national and foreign scientists.

Yevhen Oskarovich is a world-renowned Ukrainian scientist in the field of welding processes and bridge construction, statics of structures and construction of railway bridges. He made a number of key provisions regarding the calculation and design of riveted bridges. He was the head and the author of over than 50 projects of iron riveted bridges. Being the founder of the Ukrainian scientific schools of bridge construction and electric welding, an engineer and a teacher, he devoted his entire life to the construction of bridges. Yevhen Oskarovich trained the whole galaxy of students who successfully continued his work both in Ukraine and abroad.

Keywords: *Yevhen Oscarovich Paton, construction of bridges, Lavr Dmitrievich Proskuryakov, science, technology, scientific and technical school, biography, history of science and technology*