

## OBITUARY

### VLADIMIR SERGEEVICH DANIEL'-BEK

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May 17, 1966, saw the unexpected death, at the height of his powers, of the director of the Laboratory of The Accumulator Research Institute, Vladimir Sergeevich Daniel'-Bek, a well-known worker in the field of chemical current sources, and a remarkable man.



Vladimir Sergeevich was born in November 1908 into the family of an office worker. In 1930 he graduated from the electrochemical division of the V. I. Lenin Leningrad Electrical Engineering Institute. During his student years, he worked at the State Institute of Applied Chemistry and the "Leninskaya Iskra" accumulator factory.

After graduating from the Institute, Vladimir Sergeevich began work at the Leningrad Communications Research Institute, where he directed the laboratory from 1933 to 1942. At the same time, he took an active part in the work of other research laboratories in Leningrad, and became interested in chemical current sources.

From 1942 to 1945 he served in the Soviet Army. From the end of the war in 1945 till 1960, he headed the Current Sources Laboratory of the Telephone Communications Research Institute. This period saw his well-known work on the mechanism of the operations of a porous electrode, which is an important contribution to the theory of chemical current sources. In 1948 he defended his candidate's dissertation. From 1961 to the end of his life he directed the laboratory of the Accumulator Research Institute.

V. S. Daniel'-Bek published sixty papers. Most of them are the mechanism of operation of a porous electrode in conjunction with the processes going on in the electrodes of a fuel cell. These papers are an important contribution to the study of chemical current sources.

The memory of Vladimir Sergeevich Daniel'-Bek, both as a scientist and as a man, will long be treasured by all who knew him and his work.