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**Chemia w polskich uczelniach okresu międzywojennego.
Katedry chemii nieorganicznej**

**Chemistry in Polish schools of higher education between the two wars.
Departments of inorganic chemistry**

SUMMARY

The work presents research and didactic activity of departments of inorganic chemistry and of related departments of general chemistry in five Polish university centres, i.e. Warsaw, Cracow, Lvov, Vilnius and Poznań in the years 1918-1939. Biographies and research work of professors who directed the departments of inorganic chemistry have been presented. It has been pointed out that the main activity of these departments was physico-chemical examination of inorganic reactions and compounds.

The following professors of inorganic chemistry worked in the above mentioned centres:

- in Warsaw: Kazimierz Jabłczyński (1869-1944), a specialist in inorganic physical chemistry; Jan Zawidzki (1866-1928), who did research in the field of reaction kinetics; Tadeusz Miłobędzki (1873-1959), who studied the compounds of phosphorous; and Walenty Dominik (1891-1944), a chemist and technologist;
- in Cracow: Tadeusz Estreicher (1871-1952), a specialist in cryogenics, history of chemistry and linguistics; Wilhelm Staronka and Lucjan Czerski, who studied reactions in the gas phase;
- in Lvov: Stanisław Tołłoczko (1868-1935), a specialist in physical chemistry, who studied photo chemical reactions; Wiktor Jakób (1866-1971), the first scientist in Poland to carry out systematic examination of coordination compounds (he worked primarily on compounds of molybdenum, wolfram and rhenium); Włodzimierz Trzebiatowski (1906-1982), who studied the structure of solid bodies;
- in Vilnius; Marian Hłasko (1889-1941), who did research of conductivity of electrolytes;
- in Poznań; in the years 1922-1930, Tadeusz Miłobędzki, and next Alfons Krause (1895-1972), who studied the structure of heavy metals hydroxides and catalysis of heterogeneous reactions; Stanisław Glixelli (1882-1952), who worked primarily on the physico-chemical problems of colloid systems.

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