

# GENEALOGY DATABASE ENTRY

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Winkler, Clemens Alexander

1838 - 1904

DEGREE: PhD

DATE: 1864

PLACE: Leipzig

TEACHER/RESEARCH ADVISOR: Scheerer

discovered germanium, whose properties coincided with Mendeleev's "eka-silicon" - this discovery, along with those of Ga and Sc, convinced the chemical community of the utility of the periodic table; studied chemistry and determined atomic weight of indium; pioneer in the analysis of gases and invented the Winkler gas buret; studied the absorption of sulfur dioxide fumes and developed the contact process for sulfuric acid; invented the PdCl<sub>2</sub> test for CO.

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