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 PdCl2 test for CO.