Thiele, Friedrich Karl Johannes 1865 - 1918

DEGREE: PhD           DATE: 1890            PLACE: Halle
TEACHER/RESEARCH ADVISOR: [Volhard]

major contributor to our knowledge of nitrogen compounds, esp. on derivatives of hydrazine and guanidine, leading to the discovery of numerous new compounds and synthetic processes; prepared nitramide (NH$_2$NO$_2$), which is isomeric with hyponitrous acid (H$_2$N$_2$O$_2$), and was the first example in inorganic chemistry of compounds with identical molecular formulas but different properties; added to the theory of unsaturated organic molecules by proposing the concept of conjugation; synthesized five- and seven-membered ring compounds containing nitrogen; during WWI, developed a gas mask against CO; discovered fulvene and synthesized indene.