

GENEALOGY DATABASE ENTRY

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Bonhoeffer, Karl Friedrich Otto Hans

1899 - 1957

DEGREE: PhD

DATE: 1922

PLACE: Berlin

TEACHER/RESEARCH ADVISOR: Nernst

studied radicals, including those of hydrogen, nitrogen, SiO, and OH; investigated ammonia, leading to an understanding of its predissociation; pioneer in the field of using deuterium labels to study organic chemical reactions such as enzymatic hydrolysis; investigated electrode kinetics, esp. passivation phenomena; investigated the rates of electrolytic dissociation, the anisotropic conductivity of strong electrolytes, and the ionic conductivity of semipermeable membranes; studied electrochemical models of nerve excitation.

FOOTNOTE: Bonhoeffer was strongly influenced by his seven year association with Fritz Haber, from 1923-1930.

1. *J. Colloid Sci.* **1958**, 13, 1-2.
2. *Z. Elektrochem.* **1958**, 62, 221-224.