

**Weber unit of magnetic flux (1848)**

Kohlrausch relaxation function (1863)  
 Kohlrausch law of migration of ions (1880)

Nernst equation (1889), Nernst heat theorem;  
 concept of solubility product constant (1889), thermochemistry  
**Chemistry Nobel 1920**

Langmuir adsorption isotherm (1932)  
**Langmuir-Blodgett film (1937)**  
 surface chemistry  
 Kinetics of adsorption (1916)  
 Octet rule (1916)  
 Concept of covalent bonding (1916+)  
 Isostere concept (1919)  
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**David F. Waugh**  
 (Washington, 1940)

**Katherine B. Blodgett**  
 (Cambridge, 1926; General Electric)

**Corey-Pauling-Koltun**  
 space filling models (1959)

**Sir Franz E. Simon**  
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**Heinrich Rohrer**  
 Design of scanning tunnelling microscope (STM) (1981)  
**Physics Nobel 1986**

**Sir Henry T. Tizard**  
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**Masatoshi Koshiba**  
 Detection of cosmic neutrinos  
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**Arnold T. Eucken**  
 (Berlin, 1906)

**Karl F. Bonhoeffer**  
 (Berlin, 1922)

**Manfred Eigen**  
 study of fast reactions;  
 proton transfer reactions;  
 biochemical reactions  
 involving metal complexes  
**Eigen curve (1964)**  
**Chemistry Nobel 1967**

**Heinz Gerischer**  
 (Leipzig, 1946)

**Gerhard Ertl**  
 (Munich, 1965)  
 mechanism of  
 chemical reactions  
 on solid surfaces,  
 specifically the  
 production of ammonia  
 by the Haber process  
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