

Hermann von Helmholtz

1821 A.D. – 1894 A.D.



German physicist who did color vision research, proposed a rule of the conservation of energy, and created the math for a mechanical foundation of thermodynamics.

William Thomson, Lord Kelvin

1824 A.D. – 1907 A.D.



Inspired by Joules' work, Kelvin extended the Carnot-Clapeyron theory.

James Clerk Maxwell

1831 A.D. – 1879 A.D.



Theoretical physicist and mathematician who proposed equations describing the relationship between magnetism and electricity, and developed a distribution on energy vs. temperature for radiating bodies.

Ludwig Boltzmann

1844 A.D. – 1906 A.D.



The founder of statistical mechanics and thermodynamics, he changed the way we view physical laws for complex systems.

1830 A.D. 1840 A.D. 1850 A.D. 1860 A.D. 1870 A.D. 1880 A.D.