

# James Alfred Ewing

Born March 27<sup>th</sup> 1855 Dundee died January age 75

Fields physics and engineering

Education West End Academy and Dundee.

He turned the attic in his house into his lab. His house cat turned into lab assistant, but got electrocuted. Ewing won a scholarship of the university of Edinburgh studies under William Thomson.

He carried out research into earthquakes, which were frequent in Japan, and devised a new type of seismometer. He also studied magnetism and gave the name to the phenomenon of hysteresis. Hysteresis is a strong nonlinear phenomenon which occurs in many industrial physical and economic systems.



**Written by Craig Moffat and Isabelle Narvidge, S1, Lossiemouth High School date 29.10.11**

