Abstract Submitted
for the SES16 Meeting of
The American Physical Society

Neutrosophic Magnetic Field FLORENTIN SMARANDACHE, Univ of New Mexico — Let Ψ be a magnetic pole or a conductor throughout which a current flows. The field of force surrounding Ψ, where does exist a magnetic flux, is actually a *Neutrosophic Magnetic Field*, because it is formed by three main zones, as in neutrosophy {<Ψ>, <neutΨ>, and <antiΨ>}: - magnetic field inner-zone, where the magnetic force generated by Ψ acts completely {zone <Ψ>}; - magnetic field neutro-zone {neutral or indeterminate zone <neutΨ>}, which is a buffer zone between two opposites, where the magnetic force generated by Ψ is vague, unclear; - and magnetic field outer-zone {opposite zone <antiΨ>}, where the magnetic force generated by Ψ does not act at all. In general, it is not a steady frontier between the magnetic field inner zone, and magnetic field outer zone, but a buffer zone between these opposites. As a consequences, if Ψ is a celestial object - for example the Earth, or any other planet, also the Sun, or any other star -, their gravitational field frontiers are not steady, but neutral / indeterminate magnetic field buffers.

Florentin Smarandache
Univ of New Mexico

Date submitted: 04 Oct 2016 Electronic form version 1.4