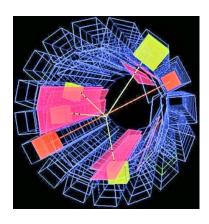
Physics Seminar

Friday, 3:30 pm March 11, 2011



How Matter defeated Antimatter

Connor Saller

The universe that our planet, solar system, and galaxy exist is composed of Different types of atoms bond together to form matter causing matter. matter to have numerous characteristics. The nucleus of the atom is where protons (positively charged particles) and neutrons (neutral particles) make up more than 99% of the atom's mass. The electron cloud surrounds the nucleus where electrons (negatively charged particles) are in constant rapid motion. There is, however, another type of matter called anti-matter. It is important to understand antimatter because it is a key factor in how the universe is theorized to begun. The Big Bang theory concluded that equal amounts of matter and antimatter should have been created when the Big Bang occurred. This would lead to matter and antimatter annihilating one another leaving an empty cosmos. Recent research and experimentation involving the Tevatron particle accelerator in Illinois has singled out a strange particle that could help explain why we exist in a matter filled universe.

Location: Ross 0220 (Ground level of Ross Hall)

(Refreshments will be served at 3:20pm.)

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