

## Abstract

The canonic seesaw mechanism, in addition to giving tiny but nonzero mass to neutrinos, can explain the baryon asymmetry of the Universe through a mechanism known as leptogenesis. Successful leptogenesis requires a reheating temperature higher than a billion GeV. Within supersymmetry, such a high reheating temperature is problematic as it leads to overproduction of gravitinos. I will present a solution to this problem by invoking R-parity violation.