



Contribution ID: 231

Type: **not specified**

Flavor and Scattering Effects in Leptogenesis

Wednesday, 31 August 2011 15:15 (25 minutes)

Leptogenesis is a well motivated framework to generate the observed baryon asymmetry of the universe. In this talk, I will present novel results on the treatment of flavor and scattering effects in leptogenesis, which affect the final asymmetry. The results are obtained using methods from nonequilibrium quantum field theory, and go beyond the usual treatment of these effects at the tree level.

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Session Classification: Parallel Session 7

Track Classification: Inflation, dark energy, and early universe physics