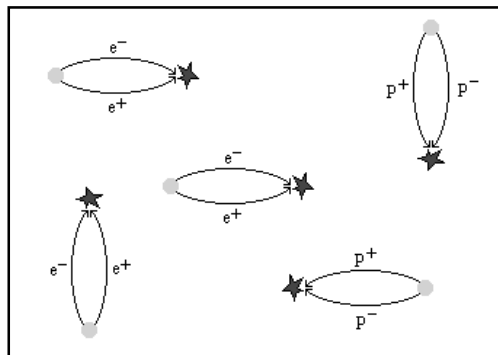


Physics Department Seminar

Friday May 7th, 2004

11:00am in PhSc 105

“The Vacuum Catastrophe Problem”



Mr. Kevin Meagher

Department of Physics

CSU Chico

Abstract:

Quantum Mechanics predicts the existence of energy in empty vacuum. Cosmology predicts a different amount of energy in the vacuum. These predictions are off by 120 orders of magnitude. Can these theories be reconciled? Is the energy really there? And can it be converted into useful energy?