

# PHYSICS COLLOQUIUM

Thursday, September 24, 2009  
3:50 PM, Room 111, Life Sciences

*“Neutrino Physics, Past, Present and Future”*

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Neutrinos have intrigued scientists for decades yet a detailed understanding of their basic properties eludes us. Neutrinos have always been associated with fundamental physics, starting with the invention of neutrinos to conserve energy in beta decay, to a more recent theory that neutrinos are responsible for the matter-antimatter asymmetry observed in the universe. I will provide a history of neutrino physics and an overview of recent experimental results. I will also discuss the future of neutrino physics and the upcoming challenges.