

Particle Physics, Astrophysics, and Cosmology Seminar

Date	Speaker	Topic in Spring 2014
January 29		Organizational
February 5	Y. Efremenko	Developments in KamLAND neutrino experiment
February 12	Y. Kamyshkov	Neutron-antineutron search experiment at ESS in Europe
February 19	T. Papatheodore	On Numerical Modeling Reactive Astrophysical Shocks
February 26	G. Siopsis	Quantum computation of scattering amplitudes
March 5	S. Spanier	New particle searches at LHC
March 12	T. Handler	LBNE neutrino oscillations and proton decay project
March 19	----->	Spring Break
March 26	S. Vasilyev	MAJORANA double beta decay project
April 2	David Butterfield/ Ben Rybolt	EXO double beta decay project Looking Forward Double Chooz Neutrino Experiment
April 9	Jared Smith / Jason Rose (UT)	Studies of Charge Collection in Diamond-Based Particle Detectors at the LHC/ On Detectability of Light Dark Matter
April 16	Shiyu Fan / Bo Daugherty	Simulations of Spectrum of Neutrinos from SNS/ Determining Surface Composition of Planetary Bodies
April 23	Grant Riley / Louis Varriano (UT)	Measurement of double J/psi productions with the CMS / Possible Mirror Matter Effect on the Neutron Lifetime