LSU College of Science Department of Physics & Astronomy

WEEKLY CALENDAR

TEL: 225-578-2261
FAX: 225-578-5855
http://www.phys.lsu.edu

202 NICHOLSON HALL
Louisiana State University
Baton Rouge, Louisiana 70803-4001

WEEKLY CALENDAR

March 4 - 8, 2013

DEPARTMENTAL COLLOQUIUM

"Neutron star instabilities"

3:30 PM March 7, 2013
109 Nicholson Hall

Frank Loffler
LSU Center for Computation and Technology (CCT)

Host: Mark Jarrell
• Refreshments served at 3:10 PM in 232 (Library) Nicholson Hall •

Neutron stars are very compact stellar remnants. They reach about nuclear density and pack the mass of the sun roughly into a ball of the size of Baton Rouge. While these extreme objects represent one possible end-point of the life of a star, they have some rather interesting properties. Instabilities that may result in highly energetic events are one of them, and are the topic of this talk. These can be observable from Earth, and might reveal secrets about the neutron star structure, and through that about the still unknown properties of matter in these extreme conditions.

THEORY SEMINAR

"The (d,p) reaction theories and their limitations"

1:30 PM, Friday, March 8
262 Nicholson Hall

Neelam J. Upadhyay

National Superconducting Cyclotron Laboratory,
Michigan State University

Host: Jerry P. Draayer

PUBLICATIONS:

1. "Measuring the Lorentz Factors of Energetic Particles with Transition Radiation", **M.L. Cherry**, Nuclear Instruments and Methods in Physics Research A 706, 39 (2013).