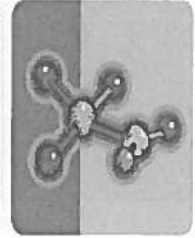
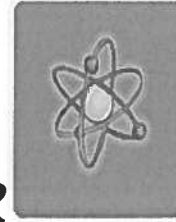




Department of Physics and Astronomy
202 Nicholson Hall
Louisiana State University and A&M College
Baton Rouge, Louisiana 70803-4001

WEEKLY CALENDAR

November 6, 2006



Tel: 225-578-2261/Fax: 225-578-5855
<http://www.phys.lsu.edu>

Special Seminar

"Dual-energy digital mammography for calcification imaging"

3:40PM / Monday, 6 November 2006 / Room 109

[Refreshments served at 3:15 PM in Room 229 Nicholson]

Host: Dr. Kenneth Hogstrom

S. Cheenu Kappadath, Ph.D.

Dept. of Imaging Physics, The University of Texas

M D Anderson Cancer Center

Mammographic images of small calcifications, which are often the earliest signs of breast cancer, could be obscured by overlapping fibroglandular tissue. The development and implementation of a dual-energy digital mammography technique for calcification imaging under full-field imaging conditions using a commercially available flat-panel based digital mammography system will be presented. The dual-energy image generation process, the image quality tradeoffs, and its applicability to patient imaging will be discussed.

Materials Science & Engineering Seminar

"Nanoscale Thermal Transport"

3:40PM / Wednesday, 8 November 2006 / Room E-130 Howe-Russell

Host: Dr. John DiTusa

David Cahill, Ph.D.

University of Illinois

Congratulations To:

A. U. Landolt, who has been elected to a term (2006-2008) on the Council of the American Association of Variable Star Observers (AAVSO).

The AAVSO is a non-profit worldwide scientific and educational organization of amateur and professional astronomers who are interested in stars that change in brightness - variable stars.

Reminder:

There will be a Faculty meeting on Tuesday, November 7, 2006 at 3:15 p.m. in Room 109 Nicholson.

Publications:

"Consistent Discretization and Canonical, Classical and Quantum Regge Calculus," **Rodolfo Gambini and Jorge Pullin**, International Journal of Modern Physics D Vol. 15, No. 10 (2006) 1699-1706.