LSU College of Science

LSU Department of Physics & Astronomy

Weekly Calendar & News

December 2-8, 2017

Departmental Colloquium

No Colloquium this week

LSU Physics & Astronomy in the News

- 2016-17 LSU Physics & Astronomy Newsletter
  http://www.lsu.edu/physics/news/newsletter.php

- Jorge Pullin has been appointed to the Advisory Board of the Journal of Universe.http://www.mdpi.com/journal/universe/editors#advisoryboard

New Publications

- **"Shared symmetries of the hydrogen atom and the two-qubit system"** by A.R.P. Rau and G. Alber, Topical Review: J. Phys. B: At. Mol. Opt. Phys. 50, 242001 (2017)

Events

- Saturday Science, "**Bayou Corne: Bubbles and Troubles"** by Dr. Carol Wicks of the LSU Geology and Geophysics Department (see attached flyer below)
  When: Saturday, December 2, 2017, 10:00-11:00 AM
  Where: Room 130 Nicholson Hall, LSU

- Landolt Observatory Public Observing: **Full Moon and Star Party**
  When: Saturday, December 2, 2017 7:00 - 8:00 PM
  Where: Nicholson Hall roof - Landolt Observatory

- Dr. Brad Schaefer's fifteenth and final star of Bethlehen talk at Highland Road Park Observatory
  When: December 8, 2017, 7:30 PM
  Where: 13800 Highland Rd, Baton Rouge, LA 70810

STAR PARTY SATURDAY:
OPEN HOUSE AT OBSERVATORY

SATURDAY (2 December): 7:00-8:00 PM [Don't come if sky is mostly cloudy; Rain date on Sunday]
Roof of Nicholson Hall

SATURDAY SCIENCE

Bayou Corne: Bubbles and Troubles

A free public lecture by

Dr. Carol M. Wicks

About the Lecture

Dr. Carol Wicks is the Frank W. and Patricia Harrison Family Professor, in LSU's School of Geology & Geophysics. Her primary interest is in understanding links between hydrogeology and karst systems. She has dedicated a significant effort in recent work to studying petrophysics and the subsurface geology of Louisiana.

Salt domes – giant deposits of salt left over during the formation of the North American continent, some as large as Mount Everest – lie beneath much of the state of Louisiana. Salt mining has turned many of these domes into caverns, which are sometimes used industrially for storing crude oil. In June 2012, one of these caverns began to collapse under the pressure of the earth above, forming a large sinkhole and prompting an evacuation of 350 residents of Bayou Corne. As of 2016, the sinkhole spans more than 35 acres.

Dr. Wicks will discuss the geology of the salt domes and the human actions that combined to result in the collapse and formation of the Bayou Corne sinkhole.

2 December 2017, 10-11:00 a.m.

Room 130 Nicholson Hall, LSU

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