

Weekly Calendar & News

November 20-25, 2017

LSU Physics & Astronomy in the

- Arlo U. Landolt has been elected to a term on the Council of the American Association of Variable Star Observers (AAVSO), 2017-2019.

Events

- Saturday Science @ LSU, November 18th, 10-11AM, LSU Located in 130 Nicholson Hall on LSU Campus. (See attached flyer below)
- Science Saturday at LIGO Livingston: Engineer It! On November 18, 1 - 5 PM. Visitors are welcome to drop in and experience the LIGO Science Education Centers. The event is FREE. Tours are typically given every 30 minutes. Each Science Saturday focuses on a specific science topic and activities in the lobby focus on that topic. Located at 19100 LIGO Lane. Livingston, LA 70754
- LaCNS Seminar: November 20th, 3 PM. Located in 1008B Digital Media Center on LSU Campus. (See attached flyer below)
- No Colloquium this week
- Thanksgiving Break Dates
 - Student Break - November 22nd at 12:30pm to November 24th
 - Campus Closure - November 23rd to November 24th

SATURDAY SCIENCE

Hunting microbes upon the coastal sea

A free public lecture by
Dr. J. Cameron Thrash



About the Topic

Dr. J. Cameron Thrash is an Assistant Professor in the Department of Biological Sciences at LSU, conducting research focused on aquatic microbiology.

Microorganisms are all around us, and in vast numbers. In marine systems, over 10 million microbes inhabit a single milliliter of seawater. They perform many important functions, such as carbon cycling and pollution remediation, yet because of their diversity and microscopic size, there is much we still do not understand. This talk will provide background on the amazing diversity of microbes in aquatic systems, describe some of the different tools we use to uncover what they are doing in the coastal environment, and some of what we've learned about microorganisms in the northern Gulf of Mexico.

18 November 2017, 10-11:00 a.m.

Room 130 Nicholson Hall, LSU

LSU

College of
Science

Department of Physics
& Astronomy



Monday, November 13
3:00 PM
1008B Digital Media Center
Louisiana State University

**Model Hamiltonians for Characterizing
Excess Electrons Interacting with
Fullerenes and Polyaromatic
Hydrocarbons**

It is well known that certain metals and graphene support Rydberg-type series of excess electron states, where the binding of the electron is due to the interaction with its image potential. Sufficiently, polarizable molecules and clusters possess very-extended non-valence anion states that can be viewed as finite system analogs to image potential states. In this talk, I discuss the development of one electron Hamiltonians for describing these excess electron species. These are generated by coupling the excess electron to a many-body polarizable force field.

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SERIES
2017



Guest Speaker
**Dr. Kenneth
Jordan**

Richard King Mellon
Professor and
Distinguished
Professor of
Computational
Chemistry

University of
Pittsburgh

Free and open to the public



www.lsu.edu/physics/lacns

