



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

## October 29 – November 2, 2012

### DEPARTMENTAL COLLOQUIUM

#### "Magnetic Resonance Imaging: Emerging Applications"

3:30 PM, November 1, 2012  
109 Nicholson Hall

**El-Sayed H. Ibrahim**  
University of Florida–Jacksonville

Host: Wayne Newhauser

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

---

#### LASiGMA Seminar:

#### "Time-resolved spectroscopy in correlated electron materials"

**Dr. Brian Moritz**  
3:30 p.m. Wednesday, October 31, 2012  
Johnston Hall, Room 338

Dr. Brian Moritz is an Adjunct Assistant Professor at the University of North Dakota, a Visiting Scholar in the Stanford Institute for Materials and Energy Sciences (SIMES) at Stanford University and SLAC National Accelerator Laboratory, and a Postdoctoral Scholar at Northern Illinois University. Brian uses a number of numerical techniques, including exact diagonalization, quantum Monte Carlo, and dynamical mean-field theory, to study the behavior of various models for strongly correlated materials and simulate different spectroscopies, including photoemission, Raman spectroscopy, and resonant x-ray scattering. He currently focuses on understanding the physics revealed by pump-probe experiments, including those performed using the soft x-ray (SXR) end-station at the Linac Coherent Light Source LCLS. Brian is a member of the Time-Resolved Spectroscopies research team of the Computational Materials and Chemical Sciences Network (CMCSN) and serves as a Basic Energy Sciences representative on the National Energy Research Scientific Computing Center (NERSC) Users' Group Executive Committee (NUGEX).