



PHYSICS & ASTRONOMY WEEKLY CALENDAR

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

WEEKLY CALENDAR

August 25, 2008

Department Colloquium

"Creationism's Trojan Horse Goes to School: The LA Science Education Act"

3:40 PM, August 28, 2008

130 Howe Russell

Barbara Forrest

Southeastern Louisiana University

Host: Michael Cherry

With the legislature's passage and Gov. Jindal's signing of the LA Science Education Act, the Discovery Institute's creationist Trojan horse, intelligent design, can now be taught in Louisiana public school science classes. This law gives our state the distinction of being the first and so far the only state to enable the Discovery Institute creationists to advance toward the successful implementation of their "Wedge Strategy" for getting intelligent design into the nation's public schools. Louisiana's new law, promoted by the LA Family Forum, has created an entré for intelligent design creationism in Louisiana public schools and consequently in the minds of Louisiana schoolchildren.

Congratulations To:

Gabriela González on her promotion to professor.

Seven Physics and Astronomy faculty who have been named among the 100 outstanding faculty recently recognized by the University as "Rainmakers", faculty whose exceptional productivity distinguishes them as leaders in the University's research and creative enterprise. Congratulations to Gabriela Gonzalez, Luis Lehner, Jorge Pullin, Brad Schaefer, Ken Schafer, Ed Seidel, and Joel Tohline. The full story can be found at <http://APPL003.lsu.edu/UNV002.nsf/PressReleases/PR5022?OpenDocument>. A full list of the 100 Rainmakers can be found at <http://www.research.lsu.edu/pdfs/Rainmakers.pdf>.

Congratulations to Physics and Astronomy's Spring 2008 graduates:

PhD: Kalin Drumev, Chad Hanna

MS: Charles Bradley, Wesley Even, Jarrod Marsh, Scott Oves (Medical Physics), Rajan Rai, Jacob Slutsky

BS: Stacey Bright*, Christopher Britt, Tasha Brown, Benjamin Carroll, Brad Corso*, Rachel Mannino*, Anthony McDavid*, Luke Smith, Zachary Smith*, Emily Tanguis*, Nickolas VanMeter**

* -- Latin Honors

** -- University Medalist

Welcome To:

Joseph Gallagher, a Postdoctoral Researcher with Geoffrey Clayton. He is in Room 233-C, 578-3157.

Amar Kharki, a Research Associate with Philip Adams. He is in Room 41, 578-1199.

Raymond Chastain, Instructor. He is in Room 368, 578-6856.

Kalin Drumev, a Postdoctoral Researcher with Jerry Draayer. He is in Rom 221-F, 578-7560.

Juana Moreno, Assistant Professor. She is in Room 285-A, 578-7856.

Stacey Bright, a Coordinator with Michael Cherry. She is in Room 343-A, 578-8690.

Jan Staff, a Postdoctoral Researcher with Joel Tohline. He is in Room 264, 578-8277.

Shane Stadler, Associate Professor. He is in Room 210-F, 578-2025.

Publications:

"Self-assembly of multiwalled carbon nanotubes from quench-condensed CNi_3 films", **D.P. Young, A.B. Karki, P.W. Adams, J.N. Ngunjiri, J.C. Garno, H. Zhu, B. Wei, and D. Moldovan**, J. Appl. Phys. 103, 053503 (2008).

"Critical current behavior of superconducting MoN and Mo_3Sb_7 microfibers" **A. B. Karki, D. P. Young, P. W. Adams, E. K. Okudzeto and J. Y. Chan**, Phys. Rev. B 77, 212503 (2008).

"Magnetic and magnetoresistance behaviors of particulate iron/vinyl ester resin nanocomposites," Zhanhu Guo, H. Thomas Hahn, Hongfei Lin, **Amar B. Karki**, and **David P. Young**, Journal of Applied Physics 104, 014314 (2008).

The paper was also selected for the July 28, 2008 issue of the Virtual Journal of Nanoscale Science & Technology: <http://www.vjnano.org>

"Synthesis, structure, and physical properties of $\text{LnNi}(\text{Sn},\text{Sb})_3$ ($\text{Ln} = \text{Pr, Nd, Sm, Gd, Tb}$)", D.P. Gautreaux, C. Capan, **J. F. DiTusa, D. P. Young**, and J.Y. Chan, J. Solid State Chem. 181, 1977 (2008).

"Shell structure beyond the proton drip line studied via proton emission from deformed ^{141}Ho ," **E. F. Zganjar**, with the UNIRIB Consortium, Physics Letters B 664 52 (2008).

"Upper Limit on the Diffuse Flux of Ultrahigh Energy Tau Neutrinos from the Pierre Auger Observatory," **A. Dorofeev, J.G. Gonzalez, J. Matthews, M. McEwen, R.R. McNeil**, [Pierre Auger Collaboration], Physical Review Letters 100 (30 May 2008), 211101.

"First Observation of Coherent π^0 Production in Neutrino Nucleus Interactions with $E(\nu) < 2\text{-GeV}$," **W. Metcalf, J. A. Nowak, S. Ouedraogo**, Phys. Lett. B 664, 41 (2008). (<http://www.slac.stanford.edu/spires/find/hep/www?eprint=arXiv:0803.3423>).