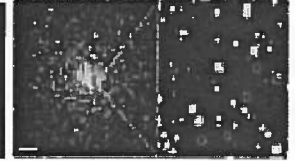




## WEEKLY CALENDAR



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October 2, 2006

### MATERIAL SCIENCE & ENGINEERING SEMINAR

#### 'Pressure- and Field-Tuned Spectroscopy of Quantum Phase Transitions in Strongly Correlated Materials'

3:40 PM/ Wednesday, 4 October 2006/Room E130 Howe-Russell

Host: Dr. John DiTusa

**Lance Cooper, PhD**

Department of Physics, University of Illinois-Urbana-Champaign

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### Welcome To

Rachel Collyer, a Coordinator in the Main Office. She is located in Room 202 G Nicholson, extension 8-1191.

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### Publications:

"Precision Branching Ratio Measurement for the Superalloyed  $\beta^+$  Emitter  $^{62}\text{Ga}$  and Isospin-Symmetry-Breaking Corrections in  $A \geq 62$  Nuclei," **E.F. Zganjar** with the TRIUMF/ISAC collaboration, *Physical Review Letters* 97, 102501 (2006).

"Multiwavelength Observations of EXO 0748-676 II. Emission Line Behavior", **Pearson, K.J., Hynes, R. I., Steeghs, D., Jonker, P. G.; Haswell, C. A.; King, A. R.; O'Brien, K.; Nelemans, G.; Méndez, M.**, 2006 *ApJ*, 648, 1169.

"Multiwavelength Observations of EXO 0748-676 I. Reprocessing of X-ray Bursts," **Hynes, R.I., Horne, Keith, O'Brien, K., Haswell, C. A., Robinson, E. L., King, A. R., Charles, P. A., Pearson, K. J.**, 2006, *ApJ*, 648, 1156.

"Superhumps: Confronting Theory with Observation", **Pearson K.J.**, 2006, *MNRAS*, 371, 235.

"Does the third Law of Thermodynamics Hold in the Quantum Regime?," **R. F. O'Connell**, *Journal of Statistical Physics*, Vol. 124, No. 1, July 2006.