

Room: Boggs 242
 Day and Time: Tue 3:20 - 4:30 pm

PHYSICS COLLOQUIA AND SEMINARS - FALL 2009

(Seminars marked with an asterisk* can be used for make-up in PHYS 380)

| | Date | Speaker | Affiliation | Topic or "Title" | Host |
|-----|-------------|------------------------|---------------------------|---|-------------|
| | 8/24 | Zhiqiang Mao | Tulane University | Introduction into the PHYS 380 course (enrolled students only) | |
| 1 | 9/1 | Arun Gupta | U. Alabama Tuscaloosa | "Ferromagnetic Oxides for Spintronics" | Kim |
| 2 | 9/8 | Mark Jarell | LSU | "What's under the superconducting dome in the two-dimensional Hubbard model?" | Diebold |
| 3 | 9/15 | David Fobes | Tulane University | "Orbital physics in layered ruthenates" | Diebold |
| 4 | 9/22 | J. Mac Hyman | Tulane University | "The Science behind Science-Based Simulations" | McGuire |
| SE* | 9/28 | Diandra Leslie-Pelecky | U Texas Dallas | "Materials at 200 mph: Making NASCAR faster and safer" | McGuire |
| 5 | 9/29 | Bob Hilborn | U Texas Dallas | "Experimental Tests of the Spin-Statistics Connection" | McGuire |
| 6 | 10/6 | Lou Bloomfield | University of Virginia | "How Things Work: The Physics of Everyday Life" | McGuire |
| 7 | 10/13 | Uli Aschauer | Princeton University | "Influence of subsurface defects on the surface reactivity of TiO ₂ anatase (101): insights from density functional theory calculations" | Diebold |
| 8 | 10/20 | Leszek Malkinski | University of New Orleans | "Microwave absorption of nanostructures" | Mao/Diebold |
| 9 | 10/27 | Goeff Clayton | LSU | "When two stars become one - the strange case of the R Coronae Borealis stars" | Diebold |
| 10 | 11/3 | Kevin Kelly | Rice | "Carbon, Cars, and Cameras" | Diebold |
| SE* | 11/4 | Seunghun Lee | UVA | "Exotic States in Quantum Magnets" | Mao |
| 11 | 11/10 | Lev Kaplan | Tulane | "Quantum Chaos: From Electron Waves to Rogue Ocean Waves to Microwaves" | Diebold |
| 12 | 11/17 | Shao-Chun Li | Tulane | "Scanning Tunneling Microscopy of TiO ₂ Surfaces" | Diebold |
| SE* | 11/24 | Duane Johnson | UIUC | TBA | McGuire |
| 13 | 12/1 | Jackie Krim | UNC | Friction at the nanoscale | Diebold |