

500.002 DEPARTMENTAL RESEARCH OVERVIEW Fall 2009 (Fr, 9:00 - 10:30, room 5)

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Please note: some schedule changes may still occur.

- 8/28 Ivan Deutsch: "Quantum Control and Measurement -- The Keys to Quantum Information"  
Dave Dunlap: "The Effect of an Electric Field on Combustion"
- 9/4 Ylva Pihlstrom: "Astronomical Masers"  
V. M. Kenkre: "Statistical Mechanics and Nonlinear Science in the Service of Interdisciplinary Research"
- 9/11 John Matthews: "Ultra-high energy cosmic rays: Probe of the Extreme Universe"  
Stefan Posse: "Functional Neuroimaging: From Physics to Medicine"
- 9/18 John McGraw:  
Eiichi Fukushima (to go 2nd): "Granular physics by NMR"
- 9/25 Greg Taylor: "The Long Wavelength Array"
- 10/2 Dinesh Loomba (to go 1st): "The DRIFT Dark Matter Search"  
Michael Gold: "The CLEAN dark matter search"
- 10/9 Paul Schwoebel: "Neutron sources for detection applications"
- 10/16 Fall Break
- 10/23 Igor Gorelov: "Beauty Particles in CDF Detector at Tevatron"  
Doug Fields:
- 10/30 Steve Boyd:
- 11/6 Mousumi Roy:  
Jean-Claude Diels (?):
- 11/13 Rouzbeh Allahverdi:  
Carl Caves: "Quantum Information Science at UNM and in northern New Mexico"
- 11/20 Sally Seidel:  
Wolfgang Rudolph: "Ultra<sup>3</sup> (-resolved, -intense, -fast) Optics and Physics with Femtosecond Laser Pulses"
- 11/27 Thanksgiving break
- 12/4 Keith Lidke:  
Jim Thomas: "Fluidity and Fluctuations in Biology"
- 12/11 Steve Koch: "Biophysics: The Molecular Motor Kinesin, and Maybe Some DNA Unzipping Too."