500.002 DEPARTMENTAL RESEARCH OVERVIEW Fall 2011 (Fr, 9:00 - 10:30, room 5)

Please note: some schedule changes may still occur.

8/26 Ylva Pihlström: "Astronomical Lasers"
Dave Dunlap: "The Puzzle of Stability in the Classical Theory of Detonation"

9/2 Stefan Posse: "Functional and Metabolic MR Imaging in Neuroscience and Cancer Research"
Nitant Kenkre (to go 2nd): "How to pick pretty problems for research"

9/9 Carl Caves: "Quantum Information Science at UNM"
Wolfgang Rudolph: "Physics with Ultrashort Laser Pulses"

9/16 Huaiyu Duan:

9/23 Greg Taylor: "The Long Wavelength Array"
Sally Seidel: "Heavy Quarks and the Strong Potential"

9/30 Ivan Deutsch:
Eiichi Fukushima: "Life in the world of applied physics"

10/7 Mousumi Roy: "Geophysical fluid dynamics and transport phenomena"
Igor Gorelov:

10/14 Fall Break

10/21 Dinesh Loomba:
Michael Gold:

10/28 Rouzbeh Allahverdi (to go 1st):
John Matthews: "Probing the Physics of Super-massive Black Holes"

11/4 Jean-Claude Diels: "The Power of Light"
John McGraw: "Measurement Astrophysics: NIST Accuracy with Fundamentally Noise-limited Ground-based Telescopes"

11/11 Paul Schwoebel: "Ion and Electron Sources in Science & Technology"

11/18 Sudhakar Prasad: "Statistical Upper Bounds on the Performance of Imaging Systems"

11/25 Thanksgiving break

12/2 Jim Thomas: "Biological Physics of Cells & Membranes"
Harjit Ahluwalia:

12/9 Steve Koch: "Effect of Heavy Water (Deuterium Oxide) on the Molecular Motor Kinesin"
Keith Lidke: "Fluorescence Nanoscopy"