

# seminars



March 28-April 1, 2005

## Monday, March 28, 2005

**PHYSICS COLLOQUIUM**, partially funded by the GSFEI

**Arthur Fine, Department of Philosophy, University of Washington**  
*"The Einstein, Podolsky and Rosen Paper: Some History and Clarification"*

4:00 PM, Ronald Geballe Auditorium, A-102, PAA  
Reception at 3:45 PM in the lobby

**Abstract:** Locality, separation and entanglement 1930s style. I'll explore the background to the 1935 paper by Einstein, Podolsky and Rosen: how it was composed, the actual argument of the paper, the principles used, and how the paper was received by Schroedinger, and others. I'll also look at Bohr's response: the extent to which Bohr connects with what Einstein was after in EPR and the extent to which EPR marks a shift in Bohr's thinking about the quantum theory. Time permitting, I will contrast EPR with Bell's theorem.

## Tuesday, March 29, 2005

**Condensed Matter Seminar**

4:00PM, Rm. C-421, PAT

Andrea Damascelli, UBC

*"Fermi Surface and Quasiparticle Excitations of overdoped  $Tl_2Ba_2CuO_6$ "*

## Thursday, March 31, 2005

**Astronomy Colloquium**

4:00 PM, Rm. A-102, PAA

Reception at 3:45 PM in the lobby

Megan Pickett, Purdue

*"Rings, Rocks, and Ripples, A New Recipe for Jupiter"*

## Friday, April 1, 2005

**Particle Theory Seminar**

12:30 PM, Rm. C-520, PAT

David B. Kaplan, INT / UW Physics

*"Sneaking up on Finite Density"*