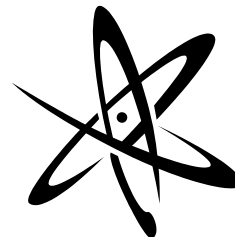


PHYSICS COLLOQUIUM

Seminars



May 19-23, 2008

Subir Sachdev

Harvard University

“Quantum Criticality and Black Holes”

Monday, May 19, 2008

4:00 PM, Ronald Geballe Auditorium, Rm. A-102

Abstract: Subir will describe antiferromagnets and superconductors near quantum phase transitions. There is a remarkable analogy between their dynamics and the holographic description of Hawking radiation from black holes. He will show how insights from this analogy have shed light on experiments on the cuprate high temperature superconductors.

Tuesday, May 20

CMA Seminar

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

Tom Butler, UW Physics

“Engineered protein nanopore for single-molecule DNA measurements”

Wednesday, May 21

Physics Final Exam

10:30 AM, Johnson Hall, 117

Erin Lay

“World-Wide Lightning Location and lightning-to-ionosphere energy coupling”

Thursday, May 22

Astronomy Colloquium

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

Elizabeth Taker, University of Florida

“Igniting the Galaxy: investigating star formation in global models of disk galaxies”