

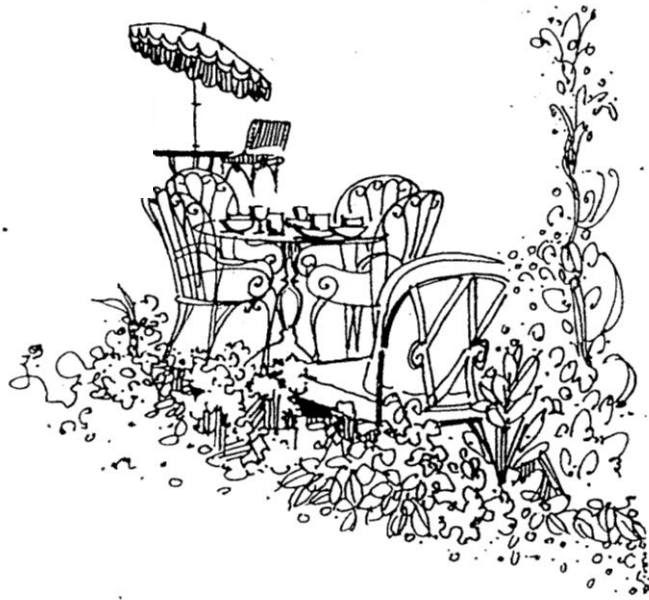
Chez Pierre

Presents ...

Monday, November 4, 2013

12:00pm

MIT Room 4-331



Sri Raghu

Stanford University

“Gyrotropic order in the pseudogap regime of hole-doped cuprates”

We will begin with a review of several key recent experiments that point towards the onset of charge order with short correlation length in the hole-doped cuprates. We will then discuss the onset of the Kerr effect in the same region of the phase diagram and will highlight several puzzling and striking aspects of the Kerr measurements. I will then argue that the Kerr onset is evidence of chiral charge ordering in the cuprates. Further consequences of this hypothesis, including concrete experimental predictions, will be discussed.