

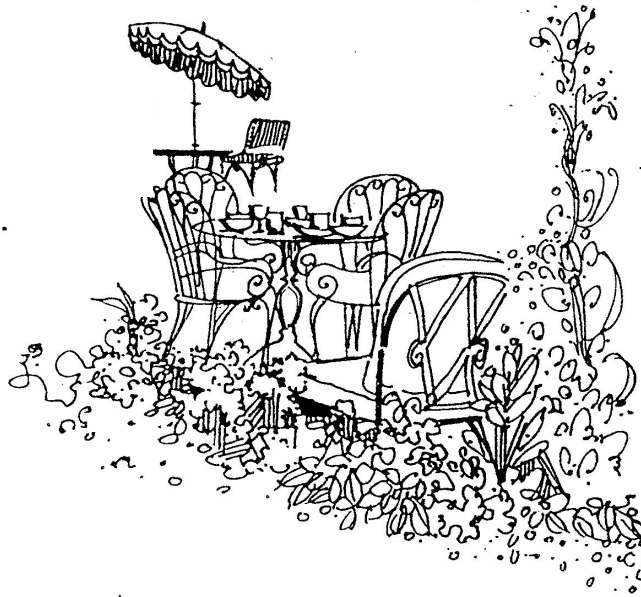
Chez Pierre

Presents ...

Monday October 19, 2015

12:00pm

MIT Room 4-331



Chez Pierre Seminar

Tyrel McQueen

Johns Hopkins University

”Putting Electrons and Holes in Spin Liquids“

In the last decade, a variety of compounds have been identified as candidate spin liquids -- i.e. materials in which the ground magnetic state is not simple magnetic order, but rather a complex entangled state where quantum fluctuations dominate. Much has been made of the potential connection between this phenomenon and high temperature superconductivity. In this talk, I will present our recent efforts to systematically introduce electrons and holes in spin liquids, and provide an outlook for future directions in the field.