

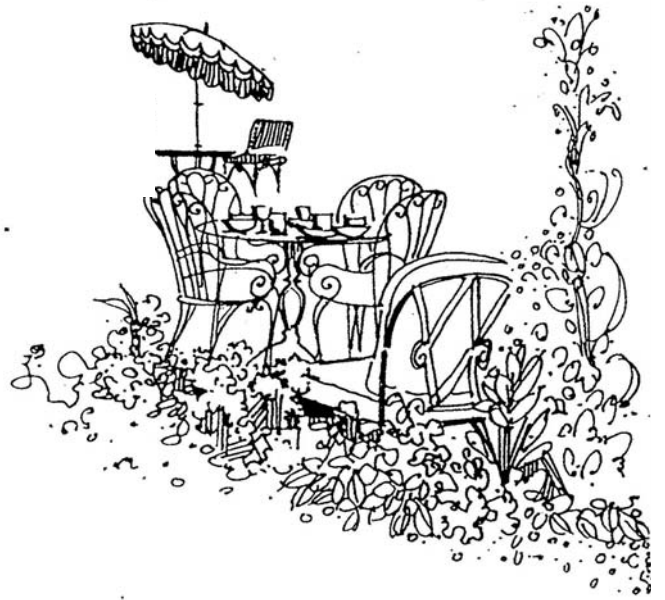
# *Chez Pierre*

Presents ...

**Friday, September 11, 2009**

**12:00pm**

**MIT Room 4-331**



**Shoucheng Zhang**  
*Stanford University*

## ***“Exotic Particles in Topological Insulators”***

In this talk I discuss various exotic particle excitations of the topological insulator, including fractionally charge, spinon, holon, magnetic monopole, axion and Majorana fermions. I shall present various experimental proposals to detect these excitations.