

Public Lecture

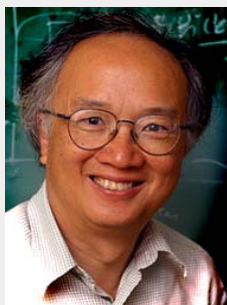
Superconductors and Magnets : strange bedfellows of the quantum world



Tuesday, July 27th
7 pm, Room G1B20
Duane Physics Building
University of Colorado

For more information
call (303) 492 - 5436 or 3367

"Politics doesn't make strange bedfellows - marriage does", so says Groucho Marx. In recent years, physicists have discovered an unexpected marriage between superconductivity and magnetism. We will examine what lies behind this unholy union. Quantum mechanics and the intense hatred electrons have for each other are to blame.



Professor Patrick Lee

Patrick Lee is the William and Emma Rogers Professor of physics at MIT. He spends his time worrying about the relationship between electrons which are strongly repulsive to each other, especially when they are frustrated or subject to dirt. While he is often the one who is frustrated in this endeavor, for his effort he has been awarded the Oliver Buckley Prize of the American Physical Society and the Dirac Medal. He is a member of the National Academy of Sciences.

***Sponsored by 2010 Boulder School for Condensed Matter and Materials Physics
Supported by the National Science Foundation, Materials Theory***