

# Asst Prof Li Wenhui

## Department of Physics



**Ph.D.(2005) : University of Virginia, USA**

### **Research Experience:**

2005-2008 : Postdoctoral Research Associate, Rice University, USA

### **Research Areas:**

- Cold Rydberg gases, quantum degenerate gases, atom-atom interactions, quantum information processing with neutral atoms.

### **Achievements:**

- Pioneering works on interaction of cold Rydberg atoms – a promising way of making fast quantum gate, and on polarized Fermi gases – a much interested but long debated topic in condensed matter physics. 10 papers published, most of which are in highly regarded physics journals, e.g. Physical Review Letters (PRL) , Science.

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