

**黄凯凯****Kaikai Huang****副教授/硕士生导师**

讲师 2007–2009 北京大学  
 博士 2002–2007 北京大学  
 硕士 1998–2001 浙江大学

**Kaikai Huang Associate Professor**

Lecturer 2007–2009 Peking University  
 Ph.D. 2002–2007 Peking University  
 M.S. 1998–2001 Zhejiang University

Tel: 86-571-87953934  
 Fax: 86-571-87953934  
 Email: huangkai@zju.edu.cn

## Research Focus

**研究领域**

- 1、时间频率标准
- 2、精密激光光谱
- 3、特殊合金材料

1. The standard of frequency and time
2. Precise laser spectroscopy
3. Special alloy materials

## Representative Publications

**代表出版物**

1. 李楠,黄凯凯,陆璇辉,“提高激光抽运铯原子磁力仪灵敏度的研究”,物理学报, Vol. 62, No. 13 (2013) 133201
2. Zhang Xian, Huang Kai-Kai, Xu Hao, Xu Zhou-Xiang, Li Nan and Lu Xuan-Hui, "A Compact Setup of Saturated Absorption Spectroscopy for Diode Laser Frequency Stabilization", Chinese Physics Letters, Vol.29, No.7, 074206(2012)
3. Huang Kai-Kai, Li Nan and Lu Xuan-Hui, "A High Sensitivity Laser-Pumped Cesium Magnetometer", Chinese Physics Letters, Vol.29, No.10, 100701(2012)
4. Zhouxiang Xu, Kaikai Huang, Yunfeng Jiang, Xuanhui Lu, "Long-term frequency stabilization system for external cavity diode laser based on mode boundary detection", Rev. Sci. Instrum. 82, 123110 (2011).
5. 黄凯凯,庄伟,陈景标,杨东海, 钙原子束光学拉姆塞光谱, 2007全国时间频率学术会议(2007)