

清华大学物理系

TSINGHUA UNIVERSITY
DEPARTMENT OF PHYSICS[首页](#)[概况](#)[人员](#)[科学研究](#)[本科生](#)[研究生](#)[招聘信息](#)

教师

概况

按拼音顺序

按专业分类

离退休教师

技术人员

行政人员

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个人简历

教育经历：

2006年毕业于中国科学技术大学天文系，获天体物理博士学位

2000年毕业于中国科学技术大学天文与应用物理系，获天体物理学学士学位

工作经历：

2015年9月起，清华大学物理系教授

2011年1月起，中科院-德国马普伙伴小组组长

2010年10月起，中科院上海天文台研究员

2007年9月至2010年9月，德国马普天体物理所博士后

2006年10月至2007年8月，中科院上海天文台-德国马普天体物理所联合博士

教学

实测天体物理学

研究领域

星系形成与演化、星系环境、宇宙大尺度结构。目前主要研究兴趣为星系内部环境的统计联系、星系物理性质与暗物质晕的内在联系、星系气体含量及其

奖励、荣誉和学术兼职

奖励和荣誉：

主要论著

发表SCI论文70余篇, 获得他人独立引用2200余次。代表性论文如下:

1. P-MaNGA: Gradients in Recent Star Formation Histories as Diagnostics for Galaxy Evolution, Li, Cheng, Wang, Enci, Lin, Lin, et al., 2015, *The Astrophysical Journal*, 770, L11
2. The Detection of the Large-scale Alignment of Massive Galaxies at $z \sim 0.1$, Faltenbacher, A., and Wang, Jie, 2013, *The Astrophysical Journal*, 770, L11
3. Stellar Mass Versus Stellar Velocity Dispersion: Which is Better for Linking Galaxies to Dark Matter Halos?, Li, Cheng, Wang, Lixin, and Jing, Y. P., 2013, *The Astrophysical Journal*, 770, L11
4. Internal Kinematics of Groups of Galaxies in the Sloan Digital Sky Survey, Jing, Y. P., Mao, Shude, Han, Jiabin, Peng, Qiuying, Yang, Xiaohu, Mo, H. J., and Frank, 2012, *The Astrophysical Journal*, 758, 50
5. The clustering of galaxies as a function of their photometrically estimated stellar mass, Cheng, Kauffmann, Guinevere, Fu, Jian, et al., 2012, *Monthly Notices of the Royal Astronomical Society*, 424, 1471-1482
6. Autocorrelations of stellar light and mass at $z \sim 0$ and $z \sim 1$: from SDSS, White, Simon D. M., Chen, Yanmei, et al., 2012, *Monthly Notices of the Royal Astronomical Society*, 419, 1557-1565
7. Autocorrelations of stellar light and mass in the low-redshift Universe, Li, Cheng, and Jing, Y. P., 2010, *Monthly Notices of the Royal Astronomical Society*, 407, 515-519
8. The distribution of stellar mass in the low-redshift Universe, Li, Cheng, and Jing, Y. P., 2009, *Monthly Notices of the Royal Astronomical Society*, 398, 2177-2187
9. The clustering of barred galaxies in the local Universe, Li, Cheng, Gadott, and Kauffmann, Guinevere, 2009, *Monthly Notices of the Royal Astronomical Society*, 398, 2177-2187
10. Interactions, star formation and AGN activity, Li, Cheng, Kauffmann, Guinevere, White, Simon D. M., and Jing, Y. P., 2008, *Monthly Notices of the Royal Astronomical Society*, 385, 1915-1922
11. Interaction-induced star formation in a complete sample of 105 nearby star-forming galaxies, Cheng, Kauffmann, Guinevere, Heckman, Timothy M., Jing, Y. P., and White, Simon D. M., 2008, *Monthly Notices of the Royal Astronomical Society*, 385, 1903-1914
12. Luminosity dependence of the spatial and velocity distributions of galaxies in the Sloan Digital Sky Survey, Li, Cheng, Jing, Y. P., Kauffmann, Guinevere, Gerhard, Kang, Xi, and Wang, Lan, 2007, *Monthly Notices of the Royal Astronomical Society*, 375, 984-996
13. The clustering of narrow-line AGN in the local Universe, Li, Cheng, Kauffmann, Guinevere, Lan, White, Simon D. M., Heckman, Timothy M., and Jing, Y. P., 2006, *Monthly Notices of the Royal Astronomical Society*, 373, 457-468
14. The dependence of the pairwise velocity dispersion on galaxy properties, Kauffmann, Guinevere, Guinevere, Gerhard, White, Simon D. M., and Cheng, F. Z., 2006, *Monthly Notices of the Royal Astronomical Society*, 368, 37-47
15. The dependence of clustering on galaxy properties, Li, Cheng, Kauffmann, Guinevere, White, Simon D. M., Guinevere, Gerhard, and Cheng, F. Z., 2006, *Monthly Notices of the Royal Astronomical Society*, 368, 21-36
16. Empirical Modeling of the Stellar Spectrum of Galaxies, Li, Cheng, Wang, Lan, Dong, Xiao-Bo, and Cheng, Fu-Zhen, 2005, *The Astronomical Journal*, 130, 1000-1005

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