教学人员简历

姓名：张可可
职称：讲座教授
学院/部门：月球与行星科学国家重点实验室
办公室：A503
电话：（853）8897 1733　　传真：（853）2899 0124
电邮地址：kkzhang@must.edu.mo

学历

1985-1987，博士，地球物理與空間物理，美國加州大學洛杉磯分校
1982-1985，碩士，地球物理與空間物理， 美國加州大學洛杉磯分校
1978-1982，天文學學士，南京大學

研究领域

(1) 行星内部热对流理论与计算；
(2) 行星磁场的发电机理论与计算；
(3) 行星惯性波动与振荡以及边界层理论与计算；
(4) 行星液核与幔的动力学耦合理论与计算；
(5) 行星岁差与天平动流体动力学理论与计算；
(6) 行星大气环流理论与计算；
(7) 行星形状与重力场理论与计算。

工作经历

1983-1987，助理研究员，美国加州大学洛杉矶分校，地球与行星物理研究所
1987-1989，博士后，美国加州大学洛杉矶分校，地球与行星物理研究所
1987-1989，博士后，英国剑桥大学，地球科学系
1992-1995，讲师，英国埃克塞特大学，工程数学与物理科学学院
1995-1997，副教授，英国埃克塞特大学，工程数学与物理科学学院
1997-至今，讲座教授，英国埃克塞特大学，工程数学与物理科学学院

专业资格认证及奖项

张可可，英国埃克塞特大学（全英排名第7研究性大学，2013 UK Times）工程数学与物理科学学院讲座教授（地球物理与天体物理流体力学教授)，1999年被聘为中国科学院首届海外评审专家，2000年获得中国国家基金委杰出青年基金（B类），美国地球物理学会会士 (Fellow of American Geophysical Union),英国皇家天文学会会士 (Fellow of the Royal Astronomical Society), 英国皇家天文学会 2013年(MHD小组)成就奖获得者(The Royal Astronomical Society 2013 Group(MHD) Achievement Award)；2004-2014年任《地球与行星内部物理》杂志主编 (Physics of Earth and Planetary Interiors);在国际主流杂志上发表了190多篇学术论文，其中包含3篇《科学》(Science)，1篇《自然》(Nature)，4篇特邀评论如《流体力学年评》(Annual Review of Fluid Mechanics)、《地球与行星科学年评》(Annual Review of Earth and Planetary Science)、《物理进展报告》(Reports on Progress in Physics) 与《英国皇家科学院学报》(Phil. Trans. Roy. Soc. London A); 2017年，英国剑桥大学出版社出版了学术专著《Theory and Modeling of Rotating Fluids: Convection, Inertial Waves and Precession》(520 pages, 19 Chapters)。

学术成果

[1] **Zhang, K.** and Busse, F. (1987) On the onset of convection in rotating spherical shells. Geophys. and Astrophys. Fluid Dyn. 39,119-147.

[2] **Zhang, K.** and Busse, F. (1988) Finite amplitude convection and magnetic field generation in a rotating spherical shell. Geophys. and Astrophys. Fluid Dyn. 44, 33-53.

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