

# Curriculum Vitae for Zuyin Pu

**Zuyin Pu** Professor of Space Physics, Peking University, Beijing, China

## Contact:

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**Field:** Space Physics and Space plasma physics

## Education:

**B.S.** 1956—1960 Department of Physics, Peking University  
1960—1962 Department of Geophysics, Peking University  
(Roughly US equivalent: MS)

Graduate education was stopped during “Culture Revolution” (1965-1978)

## International Exchanges:

**10/1979-1/1982** Visiting Research Associate  
Department of Earth and Space Sciences, University of California,  
Los Angeles, USA  
Working with Prof. M.G. Kivelson on K-H instability at the  
magnetopause

**1/1990-10/1990** Visiting Scholar  
Max-Planck Institute for Aeronomy, Katlenburg-Lindau, Germany  
Working with Dr. A. Axel on substorms and ballooning instability  
in the inner magnetotail

**10/1994-3/1995** Visiting Professor  
Max-Planck Institute for Aeronomy, Katlenburg-Lindau, Germany  
Working with Dr. A. Axel on substorm initiation model

**7/1999-8/1999** Visiting Professor  
Max-Planck Institute for Aeronomy, Katlenburg –Lindau, Germany  
Working with Dr. A. Axel and B. Wilken on substorm mechanisms  
and ring current dynamics based on CRRES data analysis

**5/2002-8/2002** Visiting Professor  
Center for Space Physics, Boston University, USA  
Working with Prof. T. Fritz and Dr. Zong on Cluster observations  
on multiple flux rope at high-latitude magnetopause

**11/2003-12/2003** Visiting Professor  
Max-Planck Institute for Aeronomy, Katlenburg-Lindau, Germany  
Working with Dr. A. Axel on Cluster observations of substorms  
and magnetic reconnection in the magnetotail

## **Positions Held and University Services:**

<b>1962-1978</b>	Research Assistant, Department of Geophysics, Peking University
<b>1978-1985</b>	Lecturer, Department of Geophysics, Peking University
<b>1985-1991</b>	Associate Professor, Department of Geophysics, Peking University
<b>1985-1996</b>	Associate Director, Section of Space Physics, Department of Geophysics, Peking University
<b>1991-2006</b>	Professor, Department of Geophysics, Peking University
<b>1996-2003</b>	Director, Section of Space Physics, Department of Geophysics, Peking University
<b>2006-present</b>	Retired professor, Peking University
<b>1996-2005</b>	Member of the Academic Committee of Natural Sciences, Peking University
<b>2001-2005</b>	Member of the Academic Committee, School of Earth and Space Sciences, Peking University
<b>1988-Present</b>	Have advised 15 Ph. D. Students and 39 MS. Students.

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## **Membership in Professional Societies:**

1. American Geophysical Union
2. Chinese Association of Geophysics
3. Chinese Association of Space Science
4. Chinese Association of Astronomy

## **Professional Activities:**

### ***INTERNATIONAL:***

<b>Present</b>	Corresponding Member, International Academy of Astronautics
<b>2006-2009</b>	Asia and Pacific Editor, J. of Geophysical Research-Space Physics
<b>2002-2004</b>	Associate Editor, J. of Geophysical Research-Space Physics
<b>Present</b>	Vise-Chief Editor, Chinese J. of Space Sciences
<b>Present</b>	Co-Investigator of FGM, CIS and RAPID of Cluster Mission, ESA
<b>Present</b>	International Co-Investigator of FGM, HIA, PEACE of Double Star Mission, CNSA-ESA

**2005-Present** Member of Science Teams for “Cluster-Double Star Comparative Measurement of Dayside Magnetosphere”, “Cluster-Double Star Comparative Measurement in the Magnetotail” and “Conjugate response of the dayside magnetopause and dawn/dusk flanks using Cluster-THEMIS conjunctions and Ground based observations”, the International Space Science Institute (ISSI), Switzerland

***DOMESTIC:***

**1990-2011** Member of the Council, Chinese Association of Space Sciences

**2003-2008** Member of the Council, Chinese Association of Geophysics

**1990-2008** Member of Editorial Committee of Chinese J. of Space Sciences

**2008-present** Vice-Chief Editor, Chinese J. of Space Sciences

**1996-2010** Vice Chairman of Scientific Committee of Geomagnetism and Aeronomy, Chinese Association of Geophysics

**2000-Present** Vice-Chairman of the Chinese Double Star-Cluster Scientific Committee and Science Working Team

**2003-Present** Vice Project Scientist of CNSF Major Project “Multiple Time and Spatial Scale Processes in Geospace Storms”

**2005-Present** Guest Professor of National Astronomical Observatories, Chinese Academy of Science

**1994-1996** Invited Professor, Department of Space Physics, Wuhan University

**2003-Present** Member of the Academic Committee, Center for Space Science and Applied Research, Chinese Academy of Sciences

**2003-2007** Member of the Academic Committee, Key Laboratory of Geodesy and Space Environment, Wuhan University

**Honors and Awards:**

**2012** American Geophysical Union, International Award

**2011** Chinese National Science and Technology Award (first category)  
(Team Member)

**2010** 2010 “Laurels for Team Achievement”: Double Star and Cluster Team, The International Academy of Astronautics (IAA).  
(Member on the Chinese side)

**2010** 2010 COSPAR & India Space Organization, Vikram Sarabhai Medal

**2002** Second-rate Chinese National Award for Natural Science

**1995** Third-rate Chinese National Award for Natural Science

**2001** First-rate Natural Science Award, Chinese Ministry of Education

**1993** First-rate Natural Science Award, Chinese Academy of Science

**2006** Top Ten Progresses of Science and Technology, Chinese Ministry of Education

**2004** NASA Cluster Science Team "Group Achievement Award"

**2005** ESA Cluster Outstanding Contribution Group Award

**2007** AOGS (2007) Solar-Terrestrial Distinguished Lecture

**2008**            Second-rate Award for Science and Technology, Beijing city  
**1993**            First-rate Natural Science Award, Peking University

**1985, 1996, 1997, 2000, 2001, 2002:** Peking University Teaching Awards

**Publications and citations:**

260 papers in refereed journals. Citations: 2451. H-index: 25.