

YAN Jingzhi

Purple Mountain Observatory
Chinese Academy of Sciences
2# West Beijing Road
Nanjing, Jiangsu, 210008

Phone: +86-25-83332174
Fax: +86-25-83332176
Email: jzyan@pmo.ac.cn
Homepage: <http://www.yanjingzhi.com/>

Personal

Date of Birth: 1 September, 1979

- Gender: Male
- Place of Birth: Jiangsu Province, China
- Citizenship: People's Republic of China
- Marital status: Married

Education

- B.S. Physics , Nanjing University, 2002.
- Ph.D. Astrophysics, Purple Mountain Observatory, Chinese Academy of Sciences, 2008, Supervisor: Dr. Qingzhong Liu; "*The Spectroscopic Studies of High Mass X-ray Binaries*".

Research Experiences

- January 2011 - present, Associate Researcher, Purple Mountain Observatory, CAS;
- January 2008 - December 2010, Research Assistant, Purple Mountain Observatory, CAS;
- March 2008 - May 2008, Visiting Institute of High Energy Physics, CAS;
- May 2009 - May 2010, Visiting Service d'Astrophysique/CEA-Saclay, "*Multi-wavelength Study of INTEGRAL Sources*", collaborating with Sylvain Chaty;
- June 29, 2009 - July 10, 2009, *The 1st School on Multiwavelength Astronomy*, Paris.

Research Interests

Multi-wavelength studies of Be/B[e] star, High Mass X-ray Binary(Be/X-ray binaries, supergiant/X-ray binaries and microquasars), especially for their long-term and short-term variabilities; Multi-wavelength studies of INTEGRAL Sources; Analysis Fermi data of Gamma-ray Binaries.

Observational Experiences

Direct Imaging

- One run with 1m telescope (Yunan Astronomical Observatory, China);
- Several runs with the 80cm telescope (Xinglong Station, National Astronomical Observatories);
- Several runs with the 2.4m telescope (Lijiang Station, NYunan Astronomical Observatory, China);

Spectroscopic

- Several runs with the 2.16m telescope (Xinglong Station, National Astronomical Observatories, China)
- Several runs with the 2.4m telescope (Lijiang Station, NYunan Astronomical Observatory, China);

Software Experiences

- OS: Windows and Linux;
- Programming: Fortran, Shell-Script, IDL, and Python;
- Data reduction and analysis: IRAF (optical & infrared), HEASoft(RXTE), Off-line Science Analysis(INTEGRAL),Fermi Science Tools(Fermi), XSPEC, ISIS, and other utilities of HEASoft.

Spoken Languages

Chinese (native), English (fluent)

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