

Curriculum Vitae



Chenzhou CUI

National Astronomical Observatories,
Chinese Academy of Sciences (NAOC)
20A Datun Road, Chaoyang District
Beijing 100012, China

Tel: 86-10-64872500

Fax: 86-10-64878240

Email: ccz@bao.ac.cn

<http://www.lamost.org/~cb/>

Personal Information:

Gender: Male

Date of Birth: February 27, 1976

Family Status: Married, one child

Nationality: P. R. of China

Current Position:

Chief Information Officer, Associate Professor, NAOC, 2006.1-

Education:

Ph.D. in Astrophysics, NAOC, Beijing, 2003.6

Concentrations: Virtual Observatory, Grid Technology, Web Services, Scientific Databases

Thesis: System Design of Chinese Virtual Observatory

Advisor: Prof. Yongheng ZHAO

M.Sc. in Astrophysics, Beijing Astronomical Observatory, Beijing, 2000.6

Concentrations: Astronomical Databases, Galactic Abundances

Thesis: Setup of SAGE Astronomical Database and Statistical Analyses of Galactic Abundances

Advisor: Prof. Gang ZHAO

B.S.E. in Mechanical Engineering, Hebei University of Technology, Tianjin, 1997.6

Research Interests:

Virtual Observatory, Grid Technology, Astronomical Databases, Astronomical Data Center, Data Analysis, Galactic Structure and Evolution, Stellar Abundance

Work Experiences:

Lecturer, National Astronomical Observatory of China, 2003.6-2005.12

Visiting Experiences:

Visiting Scientist, Johns Hopkins University, USA, 2007.11.26-2007.12.24
Lecture, International School for Young Astronomers 2007, International Astronomical Union (IAU), Malaysia, 2007.3.5-2007.3.23
Invited Professor, Strasbourg astronomical Data Center (CDS), Strasbourg Astronomical Observatory, Franch, 2005.6-7

Professional Functions:

Project Manager, Chinese Virtual Observatory. 2002 -
Executive Member, International Virtual Observatory Alliance. 2002 -
Executive Member, Beijing Astronomical Society, 2005 -
Deputy Director, Astronomical Terminology Committee, Chinese Astronomical Society, 2007
-
Network Administrator, NAO. 2006 -
Executive Member, Federation for Internet-based Public Science Education, CAS. 2005 -
Project Manager, World Data Center for Astronomy. 2001 -
Director, Data Management and Storage Sub-system, LAMOST. 2000 -

Professional Societies:

Chinese Astronomical Society, 2000-
Beijing Astronomical Society, 2000-

Honors and Awards:

Science&Technology Nova, Beijing Municipal Science&Technology Commission, Beijing, 2007
Astronomical Education Award, Chinese Astronomical Society, Shanghai, 2006
Director Scholarship, Chinese Academy of Science, Beijing, 2004
Astronomical Education Award, Beijing Astronomical Society, Beijing, 2002
Graduate Scholarship, Chinese Academy of Sciences, Beijing, 2002
Yongling LIU Scholarship, Chinese Academy of Sciences, Beijing, 2000

Skills:

Java, XML, PHP, SQL, C, FORTRAN, HTML, JavaScript, Shell/UNIX
Grid and Web Services (Globus Toolkit, OGSA)
Database Administration (MySQL, miniSQL, Oracle)
System Administration (Solaris, Linux, Windows)
Network Administration
Data Mining

Languages:

Fluent in English

Hobbies:

Photography, Driving

Publications:

1. "Worldwide R&D of Virtual Observatory", Chen-Zhou CUI, Yong-Heng ZHAO. 2008, In: W.J.Jin, I. Platais & M.A.C. Perryman, eds. A Giant Step: from Milli- to Micro-arcsecond Astrometry, Proceedings IAU Symposium No. 248, 2007, in print
2. "SkyMouse: A smart interface for astronomical on-line resources and services", Chen-Zhou CUI, Hua-Ping SUN, Yong-Heng ZHAO, Yu LUO & Da-Zhi QI. 2007, Chinese Science Bulletin, in print
3. "Search and Location of FITS Data Files", Chen-Zhou CUI, Wen LI, Ce YU, Zhen XU & Yong-Heng ZHAO. 2007, PNAOC, in print
4. "VOFilter, Bridging Virtual Observatory and Industrial Office Applications", Chen-zhou Cui, Markus Dolensky, Peter Quinn, Yong-heng Zhao, Francoise Genova. 2006, ChJAA, 6 (3), 379-386
5. "Integrating Existing Software Toolkits into VO System", Chenzhou Cui, Yongheng Zhao, Xiaoqian Wang, Jian Sang, Ze Luo. 2004, Astronomical Telescopes and Instrumentation 2004 (SPIE Conference). 2004SPIE.5493..233C
6. "Architecture of Chinese Virtual Observatory", Chenzhou Cui, Yongheng Zhao. 2004, Astronomical Research and Technology, 1 (2), 140-151. 2004PNAOC...1..140C
7. "Research and Development Strategy and Focuses of Chinese Virtual Observatory ", Chenzhou Cui, Yongheng Zhao. 2004, Astronomical Research and Technology, 1 (3), 203-209. 2004PNAOC...1..203C
8. "Grid Based Chinese Virtual Observatory System Design", Chenzhou CUI, Yongheng ZHAO. 2003, IAU 25th GA JD08. 2003IAUJD...8E..11.
9. "A Popular Web Server for Astronomy Education in China", Chenzhou CUI, Yongheng ZHAO. 2003, IAU 25th GA SPS4. 2003IAUSS...4E..91.
10. "Abundance Gradients in the Galactic Disk", Chenzhou CUI, Yuqin CHEN, Gang ZHAO & Yongheng ZHAO. 2003, Science in China (Series G), 46 (1), 52-61
11. "Technical Progresses of International Virtual Observatories", Chenzhou CUI, Yongheng ZHAO, Gang ZHAO & Yanxia ZHANG. 2002, PABei, 20 (4), 302-311
12. "Virtual Observatory and Grids", Chenzhou CUI & Yongheng ZHAO. 2002, in: Jiuling SUN & Huizhong SHI (eds.), *Scientific Data: Management and Share*, 272-290. Beijing: Chinese Science and Technology Press
13. "Statistical Analysis of Fe Abundance Gradients in the Galaxy", Chenzhou CUI, Gang ZHAO, Yongheng ZHAO & Jianrong SHI. 2001, Science in China (Series A), 44 (1), 120-127
14. "Resource Information Management in Chinese Virtual Observatory", LI Chang-Hua, CUI Chen-Zhou, LI Lian & ZHAO Yong-Heng. 2007, PNAOC, accepted
15. "The Design and Implement of Client System of Virtual Observatory Data Access Service", YANG Yang, LIU chao, TIAN Hai-jun, GAO Dan, LU Yong, CUI Chen-zhou & ZHAO Yong-heng. 2007, PNAOC, in print
16. "The Design and Implement of VO- DAS Registry". Yong LU, Chao LIU, Chen-Zhou CUI, Yong-Heng ZHAO. 2007, PNAOC, 4(4): 355-359
17. "Design and implementation of China-VO Ephemeris computing service based on web

- services". TIAN Hai-Jun, ZHAO Yong-Heng, CUI Chen-Zhou & ZHENG Xiao-Ping. 2007, PNAOC, 4 (3): 283-287
18. "The International Virtual Observatory Alliance: recent technical developments and the road ahead", P.J. Quinn, D. Barners, I. Csabai, C. Cui, et al. 2004, *Astronomical Telescopes and Instrumentation 2004 (SPIE Conference)*. 2004SPIE.5493..137Q
 19. "Data Access Service of China-VO ", Jian Sang, Yongheng Zhao, Chenzhou Cui. 2004, *Astronomical Research and Technology*, 1 (3), 216-228. 2004PNAOC...1..216C
 20. "Astronomy education resource gateway design based on the Virtual Observatory", Gaochao LIU, Chenzhou CUI, Xiaoping ZHENG, Yongheng ZHAO. 2004, *Astronomical Research and Technology*, 1 (2), 133-139. 2004PNAOC...1..133L
 21. "Data Mining and Knowledge Discovery in Database of Astronomy", Yanxia ZHANG, Yongheng ZHAO & Chenzhou CUI. 2002, *PABei*, 20 (4), 312-323
 22. "Classification of AGNs from Stars and Normal Galaxies by Support Vector Machines", Yanxia ZHANG, Chenzhou CUI & Yongheng ZHAO. 2002, in: Jean-Luc Starck & Fionn D. Murtagh (eds.), *Astronomical Data Analysis II*, Proc. of SPIE, 4847, 371-178

References:

Prof. Gang ZHAO National Astronomical Observatories, Chinese Academy of Sciences
Deputy Director, Datun Road 20A, Chaoyang District
Leading Professor Beijing 100012, China

Email: gzhao@bao.ac.cn
Tel: 86-10-64888719
Fax: 86-10-64888731

Prof. Yongheng ZHAO National Astronomical Observatories, Chinese Academy of Sciences
Leading Professor Datun Road 20A, Chaoyang District
General Manager, Beijing 100012, China
LAMOST Project

Email: yzhao@lamost.org
Tel: 86-10-64877301
Fax: 86-10-64878240

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