

Curriculum Vitae: Hui SHI

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PERSONAL:

Female, born in 1983.10, Sangzhi County, Hunan Province, China

Spouse information: Chen WANG, born in 1982.1, Jingxian County, Anhui Province, China

EDUCATION:

- ✧ **Sep. 2001 - July 2005: University student, Automation** (Bachelor of Engineering)
School of Electrical Engineering and Automation, Tianjin University, Tianjin
Thesis: Dynamic characterization of gas liquid two-phase flow based on wavelets analysis
Supervisor: Dr. Ningde Jin (TJU)

- ✧ **Sep. 2005 - July 2010: Master to Ph.D student, Astrophysics** (Doctor of Science)
National Astronomical Observatories, Chinese Academy of Sciences, Beijing
Thesis: The formation and environment of massive star formation region W51e2
Supervisor: Dr. Jinlin Han (NAOC), Dr. Jun-Hui Zhao (SAO, USA)

- **Apr. 2010:** Visiting student of Smithsonian Astronomical Observatory (SAO)

- ✧ **July 2010 - Now: Research assistant**
National Astronomical Observatories, Chinese Academy of Sciences, Beijing

HONORS AND AWARDS:

The First Prize of Social Practice Report of Summer Vacation, 2002, Tianjin University

The First Prize of Essay Contest, 2002, Tianjin University

Excellent Student in 2001-2002, Tianjin University

Excellent Student in 2002-2003, 2003-2004, School of Electrical Engineering and Automation, Tianjin University

Excellent Student in 2005-2006, Graduate University of the Chinese Academy of Sciences

RESEARCH INTEREST:

- ✧ Massive star formation
- ✧ Magnetic fields in molecular clouds
- ✧ Ultra-high polarization radio sources

PUBLICATIONS:

“Radio sources with ultra-high polarization”,

Shi, Hui; Liang, Haida; Han, J.L.; Hunstead, R.W.; 2010, MNRAS, accepted, arXiv:1007.2367

“A bipolar outflow from the massive protostellar core W51e2-E”,

Shi, Hui; Zhao, Jun-Hui; Han, J.L.; 2010, ApJ, 718, L181

“Nature of W51e2: Massive Cores at Different Phases of Star Formation”,

Shi, Hui; Zhao, Jun-Hui; Han, J.L.; 2010, ApJ, 710, 843-852

“Magnetic Fields in Molecular Clouds and Polarization from Dust”,

Shi, Hui; Han, J.L.; 2008, PABei (publication of SHAO), 26, 336-348