

Curriculum Vitae

Name : Kazunari SHIBATA

Title: Professor,

Director of Kwasan and Hida Observatories, Kyoto University

Address : Kwasan and Hida Observatories, Kyoto University,
Yamashina, Kyoto 607-8417, Japan

Date and place of birth : 24 Dec., 1954 in Osaka, Japan

Nationality : Japan

Family : Married, with three children, born in 1985, 1991, 1993

Academic Career

1977 Bachelor of Science in Astrophysics at Kyoto University

1979 Master of Science in Astrophysics at Kyoto Univeristy

1983 Ph. D. in Astrophysics at Kyoto Univeristy

1981 - 1986 Research Associate at Aichi University of Education

1986 - 1991 Associate Professor at Aichi University of Education

1987 - 1988 Visiting Research Fellow at Insitute for Fusion Stuies,
University of Texas at Austin

1991 - 1999 Associate Professor at

National Astronomical Observatory of Japan

1994 - 1999 Adjunct Associate Professor at

Department of Astronomy, University of Tokyo

1999 - Professor at Kwasan and Hida Observatories, Kyoto University

2004 - Director of Kwasan and Hida Observatories, Kyoto University

2009 - 2010 Director of Unit of Synergetic Studies for Space, Kyoto University

2011- Vice Director of Unit of Synergetic Studies for Space, Kyoto University

Awards

2001 Chushiro Hayashi Prize (Astronomical Society of Japan)

for "Basic Magnetohydrodynamic Studies of Cosmic Jets and Flares"

2009 NISSTEP researcher award (National Institute of Science and
Technology Policy, Ministry of Education, Culture, Sports,
Science, and Technology)

2013 Commendation for Science and Technology by the Minister of
Education, Culture, Sports, Science and Technology

(Prizes for Science and Technology;
Public Understanding Promotion Category)

Volunteering Contribution to Community

2009 - 2010 Vice President of Japanese Astronomical Society

Main Research Field

Cosmic Magnetohydrodynamics, Plasma Astrophysics,
Solar Physics

Books

"Plasma Astrophysics" (Addison Wesley, 1997) by T. Tajima and K. Shibata

"Picture Book : The Sun" (Shokabo, 2004) by K. Shibata and M. Ohyama (in Japanese)

"New Solar Physics with Solar-B Mission" by K. Shibata, S. Nagata, T. Sakurai (ed.),
(ASP conference series, Volume 369, 2007)

"Solar Activity 1992-2003" by K. Shibata et al.,
(Kyoto Univ. Press., 2011)

Refereed Journal Papers: 246 papers at August of 2013

Main papers (Most cited papers: best 5)

(1) Magnetodynamical Acceleration of CO and Optical Bipolar Flows from
the Region of Star Formation,

Uchida, Y. and Shibata, K.,

Publ. Astron. Soc. Japan, 37, 515-535 (1985)

(2) Observations of X-ray Jets with the Yohkoh Soft X-ray Telescope,

Shibata, K., Ishido, Y., Acton, L., et al.,

Publ. Astr. Soc. Japan, 44, L173-L179 (1992)

(3) Hot Plasma Ejections Associated with Compact-Loop Solar Flares,

Shibata, K., Masuda, S., Shimojo, M., et al.,

Ap. J. Let., 451, L83-L85 (1995)

(4) Magnetic Reconnection as the Origin of X-ray Jets and H alpha Surges
on the Sun,

Yokoyama, T., Shibata, K.,

Nature, 375, 42-44 (1995)

(5) X-ray Flares and Mass Outflow Driven by Magnetic Interaction between a Protostar and its Surrounding Disk,

Hayashi, M. R., Shibata, K., and Matsumoto, R.,

Ap. J. Let., 468, L37-L40 (1996)