

Curriculum vitae

Jürgen Harry Max Michael SCHMITT

Astrophysicist

Personal:

Date and place of birth: 25.5.1953 in Würzburg
Parents: Dr. Maxmilian Schmitt und Elfriede Schmitt
married on 30.8.1983 in Somerville (Massachusetts) to Margret Zehnder-Schmitt

Education:

High school degree from Röntgengymnasium Würzburg (1972)
Physics at the University of Würzburg 1972 - 1978
Member of Studienstiftung des deutschen Volkes (1974-1978)
Applied Mathematics at King's College London (1976 - 1977)
Astronomy at Harvard University in Cambridge, Massachusetts, USA (1979 - 1984)

Academic degrees:

University of London, M.Sc., Applied Mathematics (1977)
Universität Würzburg, Diplom-Physiker (1978)
Harvard University, M.S., Astronomy (1980)
Harvard University, Ph.D., Astronomy (1984)
Ludwig-Maximilians-Universität München, Dr. rer. nat. habil. (1995)
Ludwig-Maximilians-Universität München, Privatdozent (1996)
Professor für Astronomie, Universität Hamburg (since 1998)

Professional career:

1994 - 1998: Scientist at Max-Planck-Institut für Extraterrestrische Physik;
1994 - 1995: Guest scientist at Center for EUV Astrophysics of
University of California in Berkeley
1998 - present: C4-Professor for Astronomy at Hamburger Sternwarte
2001 - 2010: Acting director at Hamburger Sternwarte
since 2009: Member of Hamburg Academy of Sciences
2011 - 2014: Member of Space Science Advisory Committee (SSAC) of ESA
since 2014: Chairman of scientific advisory committee of
Kiepenheuer Institute Freiburg (KIS)

Community service (selection):

Member of national selection committee for
ROSAT proposals (CROPS; 1989 - 1997)
Member of internationalen ROSAT Users' Committee (IUC; seit 1985 - 1997)
Member of Topical Team III of ESA Horizon 2000 Plus Programm (1994)
Member of ESA Astronomy Working Group (Januar 1995 - Dezember 1997)
Member of ASCA Time Allocation Committee
Member of SAX Time Allocation Committee
Member of ESO Time Allocation Committee
Member of Calar Alto Time Allocation Committee
Member of XMM Observation Time Allocation Committee (Chairman)
Member of Chandra Observation Time Allocation Committee (Chairman)
Member of Suzaku Observation Time Allocation Committee
Chairman of XMM Users Committee (2001 - 2006)
Member Programmausschuß extraterrestrische Grundlagenforschung (2011 - 2017)
Reviewer for DFG (German National Science Foundation)
Referee für Astronomy & Astrophysics, Astrophysical Journal, Monthly Notices,
Nature, Science, Physical Reviews

Research

Physics of the Sun and the stars
Extrasolar planets
Solar and stellar activity
X-ray astronomy: X-ray & EUV spectroscopy
X-ray surveys
Robotic telescopes
Multiwavelength astronomy
Origin of diffuse galactic X-ray background
Statistical methods in astronomy
Deconvolution methods, time series analysis, Bayesian statistics
Mapping of stellar surfaces

Five most important publications:

"A soft X-ray image of the Moon"

Schmitt, J.H.M.M., Snowden, S.L., Aschenbach, B., Hasinger, G., Pfeffermann, E., Predehl, P., and Trümper, J., 1991, *Nature*, 349, 583.

"Coronae on Solar-like Stars"

Schmitt, J.H.M.M., 1997 *A&A* ,318, 215

“Continuous heating of a giant X-ray flare on Algol”
Schmitt, J.H. M. M. and Favata, F., 1999, *Nature*, 401, 44.

”X-rays from accretion shocks in T Tauri stars: The case of BP Tau”
Schmitt, J. H. M. M., Robrade, J., Ness, J.-U., Favata, F., Stelzer, B., 2005, *A&A*, 432, L35.

”A coronal explosion on the flare star CN Leonis”
Schmitt, J. H. M. M., Reale, F., Liefke, C., Wolter, U., Fuhrmeister, B., Reiners, A., Peres, G., *A&A*, 2008, 481, 799