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Professional Preparation

Lawrence University, Appleton, WI	Physics	B.A. 1976
University of Maryland—College Park	Astronomy	M.S. 1978
University of Maryland—College Park	Astronomy	Ph.D. 1981

Appointments

2001-present	Project Manager, National Virtual Observatory, Space Telescope Science Institute, Baltimore, MD
2000-2001	Chief Information Officer, Space Telescope Science Institute, Baltimore, MD
1999 (Jun-Aug)	Professeur Invité, Observatoire Astronomique de Strasbourg, France
1994-1999	Deputy Division Head, Data Systems Division, Space Telescope Science Institute
1988-1994	Chief, Science Software Branch, Space Telescope Science Institute
1984-1988	Project Scientist, STSDAS Project, Space Telescope Science Institute
1982-1984	Research Associate, Netherlands Foundation for Radio Astronomy, Dwingeloo, NL
1983	Research Associate, University of Maryland, Clark Lake Radio Observatory
1981	Visiting Assistant Professor of Physics, Lawrence University

Related Publications

- [1] Hanisch, R. J., Steffen, J., Choudhury, S., DiLauro, T., Szalay, A., Vishniac, E., Ehling, T., Milkey, R., and Plante, R. 2007, in *Library and Information Services in Astronomy V*, S. Ricketts, C. Birdie, and E. Isaksson, eds., *Astron. Soc. Pacific Conference Series*, 377, 29. “Digital data preservation and curation: a collaboration among libraries, publishers, and the Virtual Observatory.”
- [2] Hanisch, R. J. 2007, in *Statistical Challenges in Modern Astronomy IV*, G. J. Babu and E. D. Feigelson, eds., *ASP Conf. Ser.* 371, 177. “The Virtual Observatory: Core Capabilities and Support for Statistical Analyses in Astronomy.”
- [3] Hanisch, R. J. 2001, *SPIE* 4477, 191. “Building the infrastructure for the virtual observatory.”
- [4] Hanisch, R. J. 2000, *Computer Physics Comm.* 127, 177. “Integrated access to distributed data and information services in astrophysics and the space sciences.”
- [5] Hanisch, R. J. 2000, in *Virtual Observatories of the Future*, *ASP Conf. Ser.*, R. J. Brunner, S. G. Djorgovski, & A. Szalay, eds., in press. “NASA mission archives, data centers, and information services: a foundation for the Virtual Observatory.” [invited]

Other Significant Publications

- [1] Hutchings, J. B., Frenette, D., Hanisch, R. J., Mo, J., Dumont, P. J., Redding, D. C., and Neff, S. G. 2002, *Astron. J.* 123, 2936. “Imaging of $z \sim 2$ QSO host galaxies with the Hubble Space Telescope.”
- [2] Suchkov, A. A., Hanisch, R. J., Voges, W., and Heckman, T. M., 2006, *Astron. J.* 132, 1475. “Sloan Digital Sky Survey active galactic nuclei with X-ray emission from ROSAT PSPC pointed observations.”
- [3] Offenberger, J., D., Fixsen, D. J., Rauscher, B. J., Forrest, W. J., Hanisch, R. J., Mather, J. C., McKelvey, M. E., McMurray, R. E., Jr., Nieto-Santisteban, M. A., Pipher, J. L., Sengupta, R., & Stockman, H. S. 2001, *Pub. Astron. Soc. Pac.*, in press. “Validation of up-the-ramp sampling with cosmic ray rejection with IR detectors.”
- [4] Hanisch, R. J., Payne, H. E., Huizinga, J. E., Stevens-Rayburn, S., Bouton, E. N., Eichhorn, G., & Boyce, P. B. 1998, in *Library and Information Services in Astronomy III*, U. Grothkopf, H. Andernach, S. Stevens-Rayburn, & M. Gomez, eds., *Astron. Soc. Pacific Conference Series*, 153, 127-135. “Incorporating electronic preprints into an effective publishing system.” [invited]

- [5] Hanisch, R. J. 2000, in *Data Handling in Astronomy*, A. Heck, ed., Kluwer Academic Publishers, Dordrecht, 135-153. "Data handling for the Hubble Space Telescope." [invited]

Synergistic Activities

American Astronomical Society (1979-); International Astronomical Union (1985-); Chair, AAS Publications Board (1996-1999); Chair, Search Committee, *The Astrophysical Journal* Editor-in-Chief (1998); National Radio Astronomy Observatory Visiting Committee (1995-1999); National Astronomy and Ionosphere Center Visiting Committee (2003-2006); Chair, NASA Space Science Data Systems Technical Working Group (1997-); Science Operations MOWG, NASA HQ (1994-1995); Chair, Astrophysics Data Centers Coordinating Council (1997-2000); Chair, AAS Working Group on Astronomical Software (1987-); Chair, Program Organizing Committee, Astronomical Data Analysis Software and Systems (ADASS) Conferences (1991-1996); Editor, *Experimental Astronomy*, Kluwer Academic Publishers (1990-); Chair, NASA Technical Committee on FITS (1990-); IAU FITS Committee (1985-).

Collaborators

Mark Ackerman (U. Michigan), Heinz Andernach (U. de Guanajuato, Mexico), Elizabeth Auden (MSSL), David Barnes (U. Melbourne), Sayeed Choudhury (JHU), Nahide Craig (UC Berkeley), Istvan Csabai (Eotvos U.), Chenzhou Cui (Beijing Astronomical Observatory), Roc Cutri (IPAC), David De Young (NOAO), Tim DiLauro (JHU), George Djorgovski (Caltech), Rodger Doxsey (STScI), Daniel Durand (CADC/NRC), Terry Ehling (Cornell), Guenther Eichhorn (Elsevier), Pepi Fabbiano (SAO), Niall Gaffney (STScI), Françoise Genova (Strasbourg), John Good (IPAC), Matthew Graham (Caltech), Gretchen Greene (STScI), Elizabeth Griffin (Dominion Astrophysical Observatory), Tim Heckman (JHU), George Helou (IPAC), Eric Hofer (U. Michigan), Helmut Jenkner (STScI), Rob Kennicutt (Cambridge U.), Steve Kent (FNAL), Ajit Khembavi (IUCAA, Pune, India), Andrew Lawrence (Edinburgh), Tony Linde (U. Leicester), Steve Lubow (STScI), Oleg Malkov (Inst. of Astronomy, Russian Academy of Science), Bruce Margon (UCSB), Jonathan McDowell (SAO), Tom McGlynn (NASA GSFC), Bryan Mendez (UC Berkeley), Robert Milkey (AAS, ret.), Warren Miller (STScI), Reagan Moore (UCSD), Susan Neff (NASA/GSFC), Mario Nieto-Santisteban (JHU), Keith Noddle (U. Leicester), Ray Norris (Australia Telescope National Facility), Masatoshi Ohishi (National Astronomical Observatory of Japan), Wil O'Mullane (ESA), Fabio Pasian (Astronomical Observatory of Trieste), William Pence (NASA GSFC), Ray Plante (NCSA), Peter Quinn (U. Western Australia), Anita Richards (U. Manchester), Arnold Rots (SAO), David Schade (Dominion Astrophysical Observatory), Ethan Schreier (STScI), Julie Steffen (U. Chicago), Anatoly Suchkov (JHU), Frank Summers (STScI), Alex Szalay (JHU), Ani Thakar (JHU), Doug Tody (NOAO), Ethan Vishniac (McMaster U.), Wolfgang Voges (MPE, ret.), Roy Williams (Caltech).

Graduate Advisor

William C. Erickson, University of Maryland—College Park (emeritus)