Curriculum Vita – Scott J. Kenyon

Biographical Information

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Research Interests

Star and Planet Formation, Accretion Disks, Interacting Binary Stars, Nearby Galaxies

Education

1983	University of Illinois, Ph.D., Astronomy
1980	University of Illinois, M.S., Astronomy
1978	Arizona State University, B.S., Physics

Professional Experience

2003–	Senior Astrophysicist, Smithsonian Astrophysical Observatory
1985–	Astrophysicist, Smithsonian Astrophysical Observatory
1988–1992	Yoram Avni Distinguished Research Astronomer, SAO
1983–1985	Postdoctoral Fellow, Center for Astrophysics

Professional Societies

American Association for the Advancement of Science
American Astronomical Society
American Geophysical Union
International Astronomical Union

Awards, Honors, Prizes

2002	Fellow – American Association for the Advancement of Science
1995	Hoopes Prize – Harvard University (with Jane Luu & Sarah Stewart)
1987	Copernicus Medal – Nicolaus Copernicus University

Radio Broadcasts

2002	The Best of Our Knowledge (WAMC: Albany, NY)
2002	Radio West (KUER: Salt Lake City, UT)

Selected Publications 2002–2004

"Planet Formation in the Outer Solar System," S. J. Kenyon, PASP, 114, 265 (invited review) [2002]

"Collisional Cascades in Planetesimal Disks I. Stellar Flybys," S. J. Kenyon & B. C. Bromley, AJ, 123, 1757 [2002]

"Extended Near-Infrared Emission from Candidate Protostars in the Taurus-Auriga Molecular Cloud," S. Park and S. J. Kenyon, AJ, 123, 3370 [2002]

"The Eclipsing Binary BG Geminorum: Improved Constraints on the Orbit and the Structure of the Accretion Disk," S. J. Kenyon, P. Groot, & P. Benson, AJ, 124, 1054 [2002]

"Dusty Rings: Signposts of Recent Planet Formation," Scott J. Kenyon & Benjamin C. Bromley, ApJ, 577, L35 [2002]

"A Near-Infrared Imaging Survey of Coalsack Globule 2," G. Racca, M. Gomez, & S. J. Kenyon, AJ, 124, 2178 [2002]

"Tidally-Triggered Star Formation in Close Pairs of Galaxies 2: Constraints on Burst Strengths and Ages from B and R Photometry," E. B. Gillespie, M. J. Geller, & S. J. Kenyon, ApJ, 582, 668 [2003]

"A Spectroscopic Survey of Subarcsecond Binaries in the Taurus-Auriga Dark Cloud with the Hubble Space Telescope," P. Hartigan & S. J. Kenyon, ApJ, 583, 334 [2003]

"CH Cygni I: Observational Evidence for a Disk-Jet Connection," J. L. Sokoloski & S. J. Kenyon, ApJ, 584, 1021 [2003]

"CH Cygni II: Optical Flickering from an Unstable Disk," J. L. Sokoloski & S. J. Kenyon, ApJ, 584, 1027 [2003]

"The Century Survey Galactic Halo Project I: Stellar Spectral Analysis," W. R. Brown, C. A. Prieto, T. C. Beers, R. Wilhelm, M. J. Geller, S. J. Kenyon, & M. J. Kurtz, AJ, 126, 1362 [2003]

"Collisions, Accretion, and Erosion in the Kuiper Belt," S. A. Stern & S. J. Kenyon, Comptes Rendus Physique, 4, 803 [2003]

"Collisional Cascades in Planetesimal Disks II. Embedded Planets," S. J. Kenyon & B. C. Bromley, AJ, 127, 513 [2004]

"Detecting the Dusty Debris of Terrestrial Planet Formation," S. J. Kenyon & B. C. Bromley, ApJ Letters, 602, L133 [2004]

"Surveying the Inner Halo of the Galaxy with 2MASS-selected Horizontal Branch Candidates," W. R. Brown, M. J. Geller, S. J. Kenyon, T. C. Beers, M. J. Kurtz, & J. B. Roll, AJ, 127, 1555 [2004]

"From Dust to Planets: The Formation of Solar Systems," *Le Stelle,* No. 15, p. 30 [February 2004]

"Snowflakes to Plutos: The Formation of Icy Planets," *Astronomy Magazine,* vol. 32, No. 3, p. 42 [March 2004]