

Curriculum Vita – Scott J. Kenyon

Biographical Information

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Research Interests

Star and Planet Formation, Accretion Disks, Interacting Binary Stars

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
American Physical Society
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)

Ph.D. Students (Degree date, Name, University)

2005	Zoltan Balog (Hungary – Steward postdoc)
2004	Ann Bragg (Harvard – Rutgers adjunct teaching faculty)
1996	Danuta Dobrzycka (Warsaw – ESO scientific staff)
1996	Daniel Proga (Warsaw – Princeton postdoc)
1988	Telmo Fernández-Castro (Madrid – Assistant Director, Madrid Planetarium)

Film Participation

2004	Order Out of Chaos: Our Solar System (CfA Science Media Group)
1997	Backyard Astronomy (AAVSO: Cambridge, MA)

Undergraduate Research Students

2001	Shinae Park (summer intern)
1998–1999	Adam Leroy (senior thesis)
1996–1997	Stan Metchev (junior thesis)
1995–1997	Ben Oppenheimer (summer student)
1994–1995	Ken Kobayashi (junior thesis)
1994–1995	Sarah Stewart (senior thesis, with Jane Luu)
1992–1993	Tania Ruiz (junior thesis)
1992–1993	Sarah Stewart (sophomore paper)
1990–1991	Michelle Thaller (junior thesis)

National and International Committees

2004–2005	ACES Science Working Group
2004–2005	EPIC Science Working Group
2003–2005	Referee for Subaru open time (star/planet formation panel)
2003–2005	Scientific Advisory Committee, Protostars and Planets V
2002	TNO Workshop (Antafagasto, Chile - SOC)
2002–	NASA Astrophysics Theory Review
1997–2000	Organizing Committee, IAU Commission 42
1997	HST Archival Proposal Review
1994–1996	KPNO Bright Time TAC
1993	ASP Interacting Binary Symposium (SOC)
1992–1996	IUE Users Committee
1989–1992	NASA Peer Reviews
1989–1991	NOAO McMath Nighttime TAC
1987	IAU Colloquium No. 103 (SOC)

Internal Smithsonian Committees

2005 CfA Strategic Science Planning Committee
2002–2004 SAO Colloquium Co-chair
2002–2003 SAO Council
2001– SAO Time Allocation Committee (Chair, 2002–)
1996–2003 SAO Federal Scientist Appointments Committee
1993– SAO Telescope Users Committee
1993–1994 Organized CfA Internal Symposium on Star/Planet Formation
1991–1996 SAO Time Allocation Committee (Chair)

Refereeing Activities (2000–2004 only)

2004 7 journal papers, 27 proposals (NASA, Subaru)
2003 6 journal papers, 28 proposals (BSF, Netherlands NSF, NASA, Subaru)
2002 7 journal papers, 4 proposals (BSF, NASA)
2001 5 journal papers, 3 proposals (NASA, MacArthur Foundation, Research Corp)
2000 6 journal papers, 5 proposals (NASA, PPARC)

Contracts & Grants (PI Only)

2003–2006 NASA Astrophysics Theory Proposal
2002–2005 FUSE Observing Proposals – Symbiotic stars
2001–2003 Hubble Space Telescope Observing Proposal – BG Geminorum
1998–2001 Hubble Space Telescope Archival Proposal – AG Pegasi
1990–1997 NASA ADP Program – Studies of Symbiotic Stars (3 Grants)
1995–1996 Hubble Space Telescope – Envelopes and Jets of Young Stellar Objects
1992–1994 ROSAT – Taurus Dark Cloud
1991–1993 ROSAT – The Nature of the X-ray binary HD154791
1991–1993 Scholarly Studies – Taurus Dark Cloud
1984–1991 Various IUE Programs

Publications

Books and Monographs

- “The Symbiotic Stars,” S. J. Kenyon, Cambridge University Press, Cambridge [1986]
“The Symbiotic Phenomenon,” IAU Colloquium No. 103, edited with M. Friedjung, J. Mikołajewska, and R. Viotti, Dordrecht, Reidel [1988]

Popular Articles

- “Symbiotic Stars,” in *The Astronomy and Astrophysics Encyclopedia*, edited by S. P. Maran, Van Nostrand Reinhold, New York, p. 794 [1992]
Book Review: *Structure and Evolution of Single and Binary Stars* by C. W. H. de Loore & C. Doom, *Science*, 260, 569 [1993]
Book Review: *Cataclysmic Variable Stars* by B. Warner, *Physics Today*, Vol 59, No 11, 88, [1996]
Book Review: *The Measurement of Starlight: Two Centuries of Astronomical Photometry*, by J. B. Hearnshaw, *Sky & Telescope*, Vol 93, No 6 [1997]
Book Review: *Highly Evolved Close Binary Stars: Catalog and Highly Evolved Close Binary Stars: Finding Charts*, by A. M. Cherepashchuk, N. A. Katysheva, T. S. Khruzina, & S. Yu. Shugarov, *Physics Today*, Vol 51, p. 72 [1998]
“Symbiotic Stars,” in *The Encyclopedia of Astronomy and Astrophysics*, edited by Don Emerson, Institute of Physics Publishing, Macmillan Publishers Ltd. [2001]
“Z Andromedae,” in *The Encyclopedia of Astronomy and Astrophysics*, edited by Don Emerson, Institute of Physics Publishing, Macmillan Publishers Ltd. [2001]
“CH Cygni,” in *The Encyclopedia of Astronomy and Astrophysics*, edited by Don Emerson, Institute of Physics Publishing, Macmillan Publishers Ltd. [2001]
“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]
“Sedna: A Distant Clue to our Origins,” *Le Stelle*, No. 20, p. 46 [July 2004]

Refereed Journals

1979

- “Temperature Fluctuations and the Size Distribution of Interstellar Grains,” P. A. Aannestad & S. J. Kenyon, *ApJ*, 230, 771
- “Temperature Fluctuations in Interstellar Dust Grains,” P. A. Aannestad & S. J. Kenyon, *ApSS*, 65, 155
- “On the Structure of Bok Globules,” S. Kenyon & S. Starrfield, *PASP*, 91, 271

1981

- “Spectrophotometry of Two Luminous Variable Stars in the Andromeda Galaxy,” J. S. Gallagher, III, S. J. Kenyon, & E. K. Hege, *ApJ*, 249, 83

1982

- “The Symbiotic Star CI Cygni: S-process Episode or Accretion Event?” S. J. Kenyon, R. F. Webbink, J. S. Gallagher, III, & J. W. Truran, *A&Ap*, 106, 109
- “The Orbital Period of the Symbiotic Star AX Persei,” S. J. Kenyon, *PASP*, 94, 165
- “Thermonuclear Processes and Accretion onto Neutron Star Envelopes: X-Ray Burst and Transient Sources,” S. Starrfield, S. Kenyon, W. M. Sparks, & J. W. Truran, *ApJ*, 258, 683

1983

- “NGC 1275: A Burgeoning Elliptical Galaxy,” A. Wirth, S. J. Kenyon, & D. A. Hunter, *ApJ*, 269, 102
- “Infrared Spectroscopy of Symbiotic Stars and the Nature of Their Cool Components,” S. J. Kenyon & J. S. Gallagher, III, *AJ*, 88, 666
- “The Outbursts of Symbiotic Novae,” S. J. Kenyon & J. W. Truran, *ApJ*, 272, 280
- “Differential Photometry and Absolute Spectrophotometry of CH Cygni,” J. B. Kaler, S. J. Kenyon, & J. P. Hickey, *PASP*, 95, 1006

1984

- “Periodic Variability in the Symbiotic Stars SY Muscae and RR Telescopii,” S. J. Kenyon & F. M. Bateson, *PASP*, 96, 321
- “The Nature of Symbiotic Stars,” S. J. Kenyon & R. F. Webbink, *ApJ*, 279, 252

1985

- “The 1984 Eclipse of the Symbiotic Binary SY Muscae,” S. J. Kenyon, A. G. Michalitsianos, J. H. Lutz, & M. Kafatos, *PASP*, 97, 268
- “Spectroscopy of the Winds from Hubble-Sandage Stars in M31 and M33,” S. J. Kenyon & J. S. Gallagher, III, *ApJ*, 290, 542

“On the Nature of FU Orionis Stars,” L. Hartmann & S. J. Kenyon, ApJ, 299, 462

1986

“Spectroscopic Orbits for Symbiotic Stars I. The Recurrent Nova T Coronae Borealis,”
S. J. Kenyon & M. R. Garcia, AJ, 91, 125

“Spectroscopic Observations of PU Vulpeculae,” S. J. Kenyon, AJ, 91, 563

“An Infrared and Visual Study of the Eclipsing Cataclysmic Binary V2051 Ophiuchi,”
G. Berriman, S. Kenyon, & J. Bailey, MNRAS, 222, 871

“The Accretion Disk Limit Cycle Mechanism in GK Persei,” J. K. Cannizzo & S. J.
Kenyon, ApJL, 309, L43

“Spectroscopic Observations of Nova PW Vulpeculae,” S. J. Kenyon & R. A. Wade,
PASP, 98, 935

“Far-Infrared Data for Symbiotic Stars: I. The *IRAS* Pointed Observations” S. J. Kenyon,
T. Fernández-Castro, & R. E. Stencel, AJ, 92, 1118

1987

“Further Evidence for Disk Accretion in FU Orionis Objects,” L. Hartmann & S. J.
Kenyon, ApJ, 312, 243

“Spectroscopic Observations of the Symbiotic Binary RW Hydrae,” S. J. Kenyon & T.
Fernández-Castro, ApJ, 316, 427

“The Cool Components of Symbiotic Stars I. Optical Spectral Types,” S. J. Kenyon &
T. Fernández-Castro, AJ, 93, 938

“The Spectral Evolution of Dwarf Nova Outbursts,” J. K. Cannizzo & S. J. Kenyon,
ApJ, 320, 319

“High Spectral Resolution Infrared Observations of V1057 Cyg,” L. Hartmann & S. J.
Kenyon, ApJ, 322, 393

“Spectral Energy Distributions of T Tauri Stars: Disk Flaring and Limits on Accretion,”
S. J. Kenyon & L. Hartmann, ApJ, 323, 714

“Visual and Infrared Photometry of the Ultrashort Period Dwarf Nova HT Cassiopeiae,”
G. Berriman, S. Kenyon, & C. Boyle, AJ, 94, 1291

1988

“Accretion Disk Models for FU Ori and V1057 Cyg: Detailed Comparisons Between
Observations and Theory,” S. J. Kenyon, L. Hartmann, & R. Hewett, ApJ, 325,
231

“Infrared Observations of WY Sge (Nova Sge 1783),” S. J. Kenyon & G. Berriman, AJ,
95, 526

“Luminosity Excesses in Low Mass Young Stellar Objects: A Statistical Study,” K. M.
Strom, S. E. Strom, S. J. Kenyon, & L. Hartmann, AJ, 95, 534

- “The Detection of Photospheric Calcium in a DA White Dwarf,” S. J. Kenyon, H. L. Shipman, E. M. Sion, & P. A. Aannestad, *ApJL*, 328, L65
- “Far-Infrared Data for Symbiotic Stars: II. The *IRAS* Survey Observations,” S. J. Kenyon, T. Fernández-Castro, & R. E. Stencel, *AJ*, 95, 1817
- “Hydrogen and Calcium in DB White Dwarfs: A Case for Interstellar Accretion,” E. M. Sion, P. A. Aannestad, & S. J. Kenyon, *ApJL*, 330, L55
- “The Cool Components of Symbiotic Stars II. Infrared Photometry,” S. J. Kenyon, *AJ*, 96, 337
- “A Detailed Study of the Lynds 1551 Star Formation Region,” J. T. Stocke, P. M. Hartigan, S. E. Strom, K. M. Strom, E. R. Anderson, L. W. Hartmann, & S. J. Kenyon, *ApJS*, 68, 229

1989

- “Spectroscopic Orbits for Symbiotic Stars II. TX Canum Venaticorum,” S. J. Kenyon & M. R. Garcia, *AJ*, 97, 194
- “Pre-Main Sequence Disk Accretion in Z Canis Majoris,” L. Hartmann, S. J. Kenyon, R. Hewett, S. Edwards, K. M. Strom, S. E. Strom, & J. R. Stauffer, *ApJ*, 338, 1001
- “High Resolution Infrared Spectra of FU Orionis Variables: Keplerian Rotation and Mass Loss,” S. J. Kenyon & L. Hartmann, *ApJ*, 342, 1134
- “How to Unveil a T Tauri Star,” P. Hartigan, L. Hartmann, S. Kenyon, R. Hewett, & J. Stauffer, *ApJS*, 70, 1216
- “Ultraviolet Spectroscopy of Pre-Main Sequence Accretion Disks,” S. J. Kenyon, L. Hartmann, C. L. Imhoff, & A. Cassatella, *ApJ*, 344, 925
- “On the Nature of the Symbiotic Star BF Cygni,” J. Mikołajewska, S. J. Kenyon, & M. Mikołajewski, *AJ*, 98, 1427

1990

- “Optical Veiling, Disk Accretion, and the Evolution of T Tauri Stars,” L. Hartmann & S. J. Kenyon, *ApJ*, 349, 190
- “On the Apparent Positions of T Tauri Stars in the HR Diagram,” S. J. Kenyon & L. Hartmann, *ApJ*, 349, 197
- “Further Evidence for Differential Rotation in V1057 Cygni,” A. D. Welty, S. E. Strom, K. M. Strom, L. W. Hartmann, S. J. Kenyon, G. L. Grasdalen, & J. R. Stauffer, *ApJ*, 349, 328
- “An Atlas of Optical Spectra of DZ White Dwarfs and Related Objects,” E. M. Sion, S. J. Kenyon, & P. A. Aannestad, *ApJS*, 72, 707
- “An *IRAS* Survey of the Taurus-Auriga Molecular Cloud,” S. J. Kenyon, L. Hartmann, K. M. Strom, & S. E. Strom, *AJ*, 99, 869
- “Correlations of Optical and Infrared Excesses in T Tauri Stars,” P. Hartigan, L. Hartmann, S. J. Kenyon, S. E. Strom, & M.F. Skrutskie, *ApJL*, 354, L25

1991

- “PW Vul: A Nova with Nearly Solar Abundances,” P. Saizar, S. Starrfield, G. J. Ferland, R. M. Wagner, J. W. Truran, S. J. Kenyon, W. M. Sparks, R. Williams, & L. L. Stryker, *ApJ*, 367, 310
- “On the Nature of the Symbiotic Binary CI Cygni,” S. J. Kenyon, N. G. Oliverson, J. Mikołajewska, M. Mikołajewski, R. E. Stencel, M. R. Garcia, & C. M. Anderson, *AJ*, 101, 637
- “A Proper Motion Survey for Pre-Main Sequence Stars in Taurus-Auriga,” L. Hartmann, B.F. Jones, J. R. Stauffer, & S. J. Kenyon, *AJ*, 101, 1050
- “On the FU Orionis Variable V1515 Cyg,” S. J. Kenyon, L. W. Hartmann, & E. A. Kolotilov, *PASP*, 103, 1069
- “Optical Excess Emission in T Tauri Stars,” P. Hartigan, S. J. Kenyon, L. Hartmann, S. E. Strom, S. Edwards, A. D. Welty, & J. Stauffer, *ApJ*, 382, 617
- “The Dusty Envelopes of FU Orionis Variables,” S. J. Kenyon & L. W. Hartmann, *ApJ*, 383, 664
- “On the Near-Infrared Spectrum of FU Orionis,” N. Calvet, L. Hartmann, & S. J. Kenyon, *ApJ*, 383, 752

1992

- “On the Origin of Submillimeter Emission from Young Stars in Taurus-Auriga,” M. Barsony & S. J. Kenyon, *ApJL*, 384, L53
- “On the Nature of the Symbiotic Binary AX Persei,” J. Mikołajewska & S. J. Kenyon, *AJ*, 103, 579
- “The Secondary Outburst Maximum of T Coronae Borealis: Implications for Accretion Disk Physics,” J. K. Cannizzo & S. J. Kenyon, *ApJL*, 386, L17
- “On the Nova-like Eruptions of Symbiotic Stars,” J. Mikołajewska & S. J. Kenyon, *MNRAS*, 256, 177
- “On the Ages of Pre-Main Sequence Stars in Taurus,” M. Gómez, B. F. Jones, L. Hartmann, S. J. Kenyon, J. R. Stauffer, R. Hewett, & I. N. Reid, *AJ*, 104, 762
- “Optical Spectroscopy of Z Canis Majoris, V1057 Cygni, and FU Orionis: Accretion Disks and Signatures of Disk Winds,” A. D. Welty, S. E. Strom, S. Edwards, S. J. Kenyon, & L.W. Hartmann, *ApJ*, 397, 260
- “A Multiwavelength Study of Nova QU Vul 1984,” P. Saizar, S. Starrfield, G. J. Ferland, R. M. Wagner, J. W. Truran, S. J. Kenyon, W. M. Sparks, R. E. Williams, & L. E. Stryker, *ApJ*, 398, 651

1993

- “Mass Loss from Protostellar Accretion Disks. I. The Accelerating Wind of FU Orionis,” N. Calvet, L. Hartmann, & S. J. Kenyon, *ApJ*, 402, 623

- “Cool Metallic-line White Dwarfs, Radial Velocities, and Interstellar Accretion,” P. A. Aannestad, S. J. Kenyon, G. L. Hammond, & E. M. Sion, *AJ*, 105, 1033
- “RNO 1B/1C: A Double FU Orionis System,” S. J. Kenyon, L. Hartmann, M. Gómez, J. Carr, & A. Tokunaga, *AJ*, 105, 1505
- “The Excess Infrared Emission of Herbig Ae/Be stars: Disks or Envelopes?” L. Hartmann, S. J. Kenyon, & N. Calvet, *ApJ*, 407, 219
- “On Symbiotic Stars and Type Ia Supernovae,” S. J. Kenyon, M. Livio, J. Mikołajewska, & C. A. Tout, *ApJL*, 407, L81
- “On the Spatial Distribution of Pre-Main Sequence Stars in Taurus,” M. Gómez, L. Hartmann, S. J. Kenyon, & R. Hewett, *AJ*, 105, 1927
- “A Spectroscopic Study of V443 Herculis: A Symbiotic Binary with a Very Low Mass White Dwarf,” D. Dobrzycka, S. J. Kenyon, & J. Mikołajewska, *AJ*, 106, 284
- “The Embedded Young Stars in the Taurus-Auriga Molecular Cloud I. Models for Spectral Energy Distributions,” S. J. Kenyon, N. Calvet, & L. Hartmann, *ApJ*, 414, 676
- “The Embedded Young Stars in the Taurus-Auriga Molecular Cloud II. Models for Scattered Light Images,” S. J. Kenyon, B. A. Whitney, M. Gómez, & L. Hartmann, *ApJ*, 414, 773
- “First Results of the CIDA Schmidt Survey: Selected Zones in Taurus-Auriga,” C. Briceno, N. Calvet, M. Gómez, L. W. Hartmann, S. J. Kenyon, & B. A. Whitney, *PASP*, 105, 686
- “The Evolution of the Symbiotic Binary System AG Pegasi: The Slowest Classical Nova Eruption Ever Recorded,” S. J. Kenyon, J. Mikołajewska, M. Mikołajewski, R. S. Polidan, & M. H. Slovak, *AJ*, 106, 1573
- “Boundary Layers in Pre-Main Sequence Accretion Disks,” B. Popham, R. Narayan, L. Hartmann, & S. J. Kenyon, *ApJL*, 415, L127
- “Spectrum of the ‘Invisible’ Companion of Z CMa Revealed in Polarized Light,” B. A. Whitney, G. C. Clayton, R. E. Schulte-Ladbeck, N. Calvet, L. Hartmann, & S. J. Kenyon, *ApJ*, 417, 687
- “The Secondary Outburst Maximum of T Coronae Borealis: Hydrodynamic Simulations of the Blob and Accretion Disk,” M. Ruffert, J. K. Cannizzo, & S. J. Kenyon, *ApJ*, 419, 780

1994

- “A Near-Infrared Survey for Pre-Main Sequence Stars in Taurus,” M. Gómez, S. J. Kenyon, & L. Hartmann, *AJ*, 107, 1850
- “He I Emission Lines in Symbiotic Stars,” D. Proga, J. Mikołajewska, & S. J. Kenyon, *MNRAS*, 268, 213
- “The Hot Spot in DR Tauri,” S. J. Kenyon, L. Hartmann, R. Hewett, L. Carrasco, I. Cruz-Gonzalez, E. Recillas, L. Salas, K. M. Strom, S. E. Strom, & G. Newton, *AJ*, 107, 2153

- “Molecular Outflows from FU Orionis Stars,” N. J. Evans II, S. Balkum, R. M. Levreault, L. Hartmann, & S. J. Kenyon, *ApJ*, 424, 793
- “New Pre-Main Sequence Stars in the Taurus-Auriga Molecular Cloud,” S. J. Kenyon, M. Gómez, R. O. Marzke, & L. Hartmann, *AJ*, 108, 251
- “Flat Spectrum T Tauri Stars: The Case for Infall,” N. Calvet, L. Hartmann, S. J. Kenyon, & B. Whitney, *ApJ*, 434, 330
- “A New Optical Extinction Law and Distance Estimate for the Taurus-Auriga Molecular Cloud,” S. J. Kenyon, D. Dobrzycka, & L. Hartmann, *AJ*, 108, 1872
- “A New Spectroscopic Orbit for RS Ophiuchi,” D. Dobrzycka & S. J. Kenyon, *AJ*, 108, 2259

1995

- “The FU Orionis Outburst as a Thermal Outburst Event: Observational Constraints from Protostellar Disk Models,” K. R. Bell, D. N. C. Lin, L. W. Hartmann, & S. J. Kenyon, *ApJ*, 444, 376
- “The Evolution of the Symbiotic Binary System AG Draconis,” J. Mikołajewska, S. J. Kenyon, M. Mikołajewski, M. R. Garcia, & R. S. Polidan, *AJ*, 109, 1289
- “Spectroscopic Orbits for Symbiotic Stars. III. Eclipses of the Hot Component in RW Hydrae,” S. J. Kenyon & J. Mikołajewska, *AJ*, 110, 391
- “A Model for the Galactic Population of Symbiotic Stars with White Dwarf Accretors,” L. Yungel’son, M. Livio, A. Tutukov & S. J. Kenyon, *ApJ*, 447, 656
- “Pre-Main Sequence Evolution in the Taurus-Auriga Molecular Cloud,” S. J. Kenyon & L. Hartmann, *ApJS*, 101, 117

1996

- “On the Interpretation of the Ultraviolet Spectra of Symbiotic Stars and Recurrent Novae. II. The 1985 Outburst of RS Ophiuchi,” S. N. Shore, S. J. Kenyon, S. Starrfield, & G. Sonneborn, *ApJ*, 456, 717
- “Rapid Light Variations in Symbiotic Binary Stars,” D. Dobrzycka, S. J. Kenyon, & A. A. E. Milone, *AJ*, 111, 414
- “Magnetic Accretion and Photopolarimetric Variability in T Tauri Stars,” K. Wood, S. J. Kenyon, B. A. Whitney, & J. E. Bjorkman, *ApJL*, 458, L79
- “A Magnetic Accretion Disk Model for the Infrared Excesses of T Tauri Stars,” S. J. Kenyon, I. Yi, & L. Hartmann, *ApJ*, 462, 439
- “The Hot Component in RS Ophiuchi,” D. Dobrzycka, S. J. Kenyon, J. Mikołajewska, D. Proga, & R. A. Wade, *AJ*, 111, 2090
- “The Inscrutable Hot Component in the Symbiotic Binary Z Andromedae” J. Mikołajewska & S. J. Kenyon, *AJ*, 112, 1659
- “Illumination in Symbiotic Binary Stars: NLTE photoionization models. I. Hydrostatic case,” D. Proga, S. J. Kenyon, J. Raymond, & J. Mikołajewska, *ApJ*, 471, 930

“Spectra and Line Profiles of FU Orionis Objects: Comparisons Between Boundary Layer Models and Observations,” R. Popham, S. J. Kenyon, L. Hartmann, & R. Narayan, *ApJ*, 473, 422

1997

“Disk Accretion and the Stellar Birthline,” L. Hartmann, P. Cassen, & S. J. Kenyon, *ApJ*, 475, 770

“An Adaptive Kernel Approach to Finding dSph Galaxies Around the Milky Way,” J. Kleyana, M. J. Geller, S. J. Kenyon, & M. J. Kurtz, *AJ*, 113, 624

“A Laboratory for the Magnetized Accretion Disk Model: Ultraviolet and X-ray Emission in the Cataclysmic Variable GK Per,” I. Yi & S. J. Kenyon, *ApJ*, 477, 379

“The Bipolar Optical Outflow Associated with PV Cephei,” M. Gómez, S. J. Kenyon, & B. A. Whitney, *AJ*, 114, 265

“The Recent Optical Decline of V1057 Cyg,” E. A. Kolotilov & S. J. Kenyon, *IBVS*, No 4494

“A Near-Infrared Imaging Survey of the ρ Ophiuchi Cloud Core,” M. Barsony, S. J. Kenyon, E. A. Lada, & P. J. Teuben, *ApJS*, 112, 109

“Near-Infrared Imaging Polarimetry of Embedded Young Stars in the Taurus-Auriga Molecular Cloud,” B. A. Whitney, S. J. Kenyon, & M. Gómez, *ApJ*, 485, 703

“An Optical and Near-Infrared Survey for Jets in Taurus Protostars,” M. Gómez, B. A. Whitney, & S. J. Kenyon, *AJ*, 114, 1138

1998

“The Near-Infrared Extinction Law and Limits on the Pre-Main Sequence Population in the ρ Ophiuchi Molecular Cloud,” S. J. Kenyon, E. A. Lada, & M. A. Barsony, *AJ*, 115, 252

“An Analysis of AAVSO Observations of Z Camelopardalis,” B. D. Oppenheimer, S. J. Kenyon, & J. A. Mattei, *AJ*, 115, 1175

“The Bright Accretion Rings on Magnetic T Tauri Stars,” A. Mahdavi & S. J. Kenyon, *ApJ*, 497, 342

“Optical and Near-IR Imaging of the Circumstellar Environment of Classical T Tauri Stars,” K. Wood, S. J. Kenyon, B. A. Whitney, & M. Turnbull, *ApJ*, 497, 404

“Accretion in the Kuiper Belt. I. Coagulation and Velocity Evolution,” S. J. Kenyon & J. X. Luu, *AJ*, 115, 2136

“A V and I CCD Mosaic Survey of the Ursa Minor Dwarf Spheroidal,” J. Kleyana, M. J. Geller, S. J. Kenyon, M. J. Kurtz, & J. R. Thorstensen, *AJ*, 115, 2359

“Optical Spectroscopy of Embedded Young Stars in the Taurus-Auriga Molecular Cloud,” S. J. Kenyon, D. I. Brown, C. A. Tout, & P. Berlind, *AJ*, 115, 2491

“Illumination in Symbiotic Binary Stars: NLTE photoionization models. II. Wind case,” D. Proga, S. J. Kenyon, & J. Raymond, *ApJ*, 501, 339

“Dust Extinction and Molecular Cloud Structure: L977,” J. Alves, C. L. Lada, E. A. Lada, S. J. Kenyon, & R. Phelps, *ApJ*, 506, 292

1999

“Measuring the Dark Matter Scale of Local Group Dwarf Spheroidals” J. Kleyna, M. J. Geller, S. J. Kenyon, M. J. Kurtz, & J. R. Thorstensen, *AJ*, 117, 1275

“Accretion in the Kuiper Belt. II. Fragmentation,” S. J. Kenyon & J. X. Luu, *AJ*, 118, 1101

“A Large Scale Objective Prism and X-ray Survey in Taurus-Auriga,” C. Briceño, N. Calvet, S. Kenyon, & L. Hartmann, *AJ*, 118, 1354

“Forming the Dusty Ring in HR 4796A,” S. J. Kenyon, K. Wood, B. A. Whitney, & M. J. Wolff, *ApJ Letters*, 524, L119

“Accretion in the Early Outer Solar System,” S. J. Kenyon & J. X. Luu, *ApJ*, 526, 465

2000

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Public Lectures

- 1988 People's Observatory (Olsztyn, Poland)
- 1989 Tartu Observatory
- 1993 San Diego ASP Meeting
- 1998 Smithsonian Astrophysical Observatory
- 2000 Astronomy Day, Mattatuck Astronomical Society (Connecticut)
- 2001 Sun City West Astronomy Club (Sun City, AZ)
- 2003 Chautauqua Insitute (Mew York)

Professional Lectures/Colloquia

- 1982 Invited Review–Cambridge (MA) Workshop on CV's and LMXRB's
- 1983 Invited Review–NATO ASI on Interacting Binaries–Cambridge (UK)
- 1984 University of Illinois Astronomy Department
- 1984 Invited Review–Baton Rouge Cataclysmic Variable Workshop
- 1985 Harvard College Observatory
- 1985 Columbia University Astronomy Department
- 1985 CNRS (Frascati)
- 1985 Capodimonte Observatory
- 1985 Institute of Astronomy (Cambridge)
- 1985 Oxford Astrophysics Department
- 1985 IUE Observatory (Villafranca)
- 1986 Université de Montreal Physics Department
- 1986 Invited Review–AAVSO 75th Anniversary
- 1986 Lowell Observatory
- 1987 University of Wisconsin Astronomy Department
- 1987 NASA Ames Research Center
- 1987 Arizona State University Physics Department
- 1987 Wesleyan University Astronomy Department
- 1987 Invited Review–Cambridge Cool Stars Workshop (Boulder)
- 1987 Invited Review–Santa Cruz Star Formation Workshop
- 1987 Invited Reviews (2)–IAU Colloquium No. 103
- 1987 CNRS (Frascati)
- 1987 Invited Review–Trieste Workshop on Pulsation and Mass Loss
- 1987 Invited Review–NATO ASI on Low Mass Stars (Porto)
- 1988 Ohio State University Astronomy Department
- 1988 Lick Observatory
- 1988 Steward Observatory
- 1988 Invited Review–CCP7 Workshop on Accretion Disks (Oxford)
- 1988 Institute of Astronomy (Torun, Poland)

Professional Lectures (continued)

- 1988 Space Telescope Science Institute
- 1988 McMaster University Physics Department
- 1989 Harvard College Observatory
- 1989 Invited Review–Cambridge Cool Stars Workshop (Seattle)
- 1990 Invited Review–STScI Workshop on Lithium
- 1991 University of Illinois Astronomy Department
- 1991 University of Massachusetts Physics Department
- 1991 Invited Review–IAU Symposium No. 151 (Cordoba)
- 1991 Columbia University Astronomy Department
- 1992 University of Virginia Astronomy Department
- 1993 Invited Review–Rome Zoo Workshop
- 1993 Invited Review–San Diego ASP Meeting
- 1993 Invited Review–Wellesley Star Formation Workshop
- 1993 Invited Review–Second International Conference on Planetary Systems
- 1994 UCLA Astronomy Department
- 1994 Invited Review–Cozumel Star Formation Symposium
- 1995 Space Telescope Science Institute
- 1995 University of Massachusetts Physics Department
- 1995 Dominion Astrophysical Observatory
- 1996 Nicolaus Copernicus Astronomical Institute (Warsaw)
- 1996 Imperial College Astronomy Group (London)
- 1996 Institute of Astronomy (Cambridge)
- 1996 Invited Talk–Wellesley Star Formation Workshop
- 1997 European Southern Observatory (Santiago)
- 1997 Space Telescope Science Institute
- 1997 Invited Talk–Santa Cruz Star Formation Workshop
- 1998 Invited Lecture–NATO ASI on Star Formation (Crete)
- 1998 Universidad Catolica (Santiago)
- 1999 Lecture on Star Formation–Gustavus Adolphus College
- 1999 Invited Lecture–Cosmic Explosions (College Park, MD)
- 2000 Arizona State University Physics Department
- 2000 Graduate Research Forum in Harvard Astronomy Department
- 2000 Cornell University Astronomy Department
- 2000 Invited Lecture–Galactic Structure, Stars, and the Interstellar Medium (Jackson, WY)
- 2000 Invited Lecture–The Cecilia Payne-Gaposchkin Centenary (Cambridge, MA)
- 2000 Canadian Institute for Theoretical Astrophysics (Toronto, ON)
- 2000 University of Toronto Astronomy Department

Professional Lectures (continued)

- 2001 Graduate Research Forum in Harvard Astronomy Department
- 2001 University of Torino Physics Department (Turin, Italy)
- 2001 Arcetri Observatory (Florence, Italy)
- 2001 Trieste Observatory (Trieste, Italy)
- 2001 Lunch talk–Arizona State University Physics Department
- 2002 New York Center for the Origins of Life (RPI/NSCORT)
- 2002 University of Illinois Astronomy Department
- 2002 University of Utah Physics Department
- 2002 MPA-Garching (Germany)
- 2003 Department of Terrestrial Magnetism (Carnegie Inst of Washington)
- 2003 Nice Observatory (Nice, France)
- 2004 Astrophysics of Planetary Systems (Harvard, review)
- 2004 Second TPF/Darwin International Conference (San Diego, review)
- 2004 Caltech Astronomy Dept
- 2005 Seminar – DTM (Carnegie Inst of Washington)
- 2005 Public lecture – Skidmore College
- 2005 Gordon Research Conference, Origins of Solar Systems (invited review)