

## Keith Horne: Unrefereed Publications

### Books Edited:

Reverberation Mapping of the Broad-Line Region in Active Galactic Nuclei.

Eds: P.M.Gondhalekar, **K.Horne**, B.M.Peterson. ASP Conference Series, 69.

### Articles in Magazines:

“Extrasolar Planets come into Focus”

**K.Horne** (2004). *Physics World*, Jun 2004.

“Zeldzame Inslag op Jupiter”

**K.Horne** (1994). *Nederlands Tijdschrift voor Naturkunde*, 60/12, 192.

“Good Seeing, Bad News”

R.G.M.Rutten, V.Dhillon, **K.Horne** (1992). *Gemini*, 38, 22.

### Ph.D. Thesis:

“Eclipse Mapping of Accretion Disks in Cataclysmic Binaries”

**K.Horne** (1983). Ph.D. Thesis, California Institute of Technology.

### Invited Reviews in Books or Conference Proceedings:

“Fireballs, Flares, Flickering.”

K.J.Pearson, **K.Horne**, W.Skidmore (2003). *Magnetic Cataclysmic Variables. IAU Colloquium 190. Capetown, South Africa. 8-13 Dec 2002*. Eds: ???,??? ASP Conference Series, ???, ???.

“Status and Prospects of Planetary Transit Searches: Hot Jupiters Galore.”

**K.Horne** (2003). *Scientific Frontiers of Research on Extrasolar Planets Washington, 18-21 Jun 2002* Eds: D.Deming, S.Seager. ASP Conference Series, ???, ???.

“Planetary Transit Searches: Hot Jupiters Galore.”

**K.Horne** (2002). *Techniques for the Detection of Planets and Life Beyond the Solar System. Edinburgh, UK. 7-8 Nov 2001*. Ed: W.R.F.Dent. Occasional Reports of the Royal Observatory Edinburgh, 17.

“Eddington’s Planet Finding Capabilities”.

H.Deeg, **K.Horne** (2002). *First Eddington Workshop on Stellar Structure and Habitable Planet Finding. Crdoba, Spain. 11-15 Jun 2001*. Eds: F.Favata, I.W.Roxburgh, D.Galadi. ESA SP-485, 123.

“Planetary Transit Surveys”.

**K.Horne** (2002). *First Eddington Workshop on Stellar Structure and Habitable Planet Finding. Crdoba, Spain. 11-15 Jun 2001*. Eds: F.Favata, I.W.Roxburgh, D.Galadi. ESA SP-485, 137.

“Echo Mapping of Active Galactic Nuclei.”

**K.Horne** (2001). *Astrotomography. Brussels, 3-7 Jul 2000*. Eds: H.M.J.Boffin, D.Steeghs, J.Cuyper. (Springer) Lecture Notes in Physics, 573, 386.

“Echoes in X-ray Binaries: Mapping the Accretion Flow.”

K.O’Brien, **K.Horne** (2001). *Astrotomography. Brussels, 3-7 Jul 2000*. Eds: H.M.J.Boffin, D.Steeghs, J.Cuyper. (Springer) Lecture Notes in Physics, 573, 416.

“5-Dimensional Echo Mapping of AGN Broad-Line Regions.”

- K.Horne** (2001). *Probing the Physics of Active Galactic Nuclei by Multiwavelength Monitoring. Goddard Space Flight Centre, Greenbelt, 20-22 Jun 2000*. Eds: B.M.Peterson, R.S.Polidan, R.W.Pogge. ASP Conference Series, 224, 387.
- “Observational Definition of Future AGN Echo-Mapping Experiments”  
S.Collier, B.M.Peterson, **K.Horne** (2001). *Probing the Physics of Active Galactic Nuclei by Multi-Wavelength Monitoring. Greenbelt, MD. 20-22 June 2000*. Eds: B.M.Peterson, R.S.Polidan, R.W.Pogge. ASP Conference Series, 224, 457.
- “Echo Mapping of AGN Emission Regions.”  
**K.Horne** (1999). *Quasars & Cosmology. La Serena, Chile. 18-22 May 1998*. Eds: G.Ferland, J.Baldwin. ASP Conference Series, 162, 189.
- “Tomography of Polars”  
A.D.Schwope, R.Schwartz, A.Staude, C.Heerlein, **K.Horne**, D.Steeghs (1999). *Magnetic Cataclysmic Variables. Annapolis, Maryland, USA. 13-17 Jul 1998*. Eds: C.Hellier, K.Mukai. ASP Conference Series, 157, 71.
- “Lessons from Accretion Disks in Cataclysmic Variables”  
**K.Horne** (1998). *Accretion Processes in Astrophysical Systems: Some Like it Hot. College Park, Maryland, USA. 13-15 Oct 1997*. Eds: S.S.Holt, T.Kallman. AIP Conference Proceedings, 431, 426.
- “Polars: Multi-Site Emission, Multi-Wavelength Observation”  
A.D.Schwope, K.Beuermann, D.A.H.Buckley, D.Ciardi, M.Cropper, **K.Horne**, S.Howell, K.-H.Mantel, A.Metzner, K.O’Brien, R.Schwarz, M.Sirk, D.Steeghs, M.Still, H.-C.Thomas (1998). *Wild Stars in the Old West. Jackson Hole, Wyoming, USA. 15-19 Jul 1997*. Eds: S.Howell, E.Kuulkers, C.Woodward. ASP Conference Series, 137, 44.
- “Echo Mapping of X-Ray Binaries and Active Galactic Nuclei”  
**K.Horne** (1997). *Astronomical Time Series. Tel Aviv, Israel. 30 Dec 1996 - 1 Jan 1997*. Eds: D.Maoz, A.Sternberg, E.M.Leibowitz. (Dordrecht: Kluwer), p. 109.
- “Tomography of Accretion Flows in Binary Stars and Active Galactic Nuclei”  
**K.Horne** (1997). *Accretion Phenomena and Associated Outflows. IAU Colloquium 163. Port Douglas, Australia. 15-19 Jul 1996*. Eds: D.Wickramasinghe, L.Ferrario, G.Bicknell. ASP Conference Series, 121, 14.
- “Echo Mapping Problems – Maximum Entropy Solutions”  
**K.Horne** (1994). *Reverberation Mapping of the Broad-Line Region in Active Galactic Nuclei. Abingdon, UK. 23-25 Mar 1994*. Eds: P.M.Gondhalekar, **K.Horne**, B.M.Peterson. ASP Conference Series, 69, 23.
- “Eclipse Mapping of Accretion Disks : The First Decade”  
**K.Horne** (1993). *Accretion Disks in Compact Stellar Systems*. Ed: J.C.Wheeler. Advanced Series in Astrophysics and Cosmology, 9, 117.
- “Accretion Disks in Cataclysmic Variable Stars: Recent Observational Developments”  
**K.Horne** (1994). *Theory of Accretion Disks - 2. Munich, Germany. 22-26 Mar 1993*. Eds: W.J.Duschl, J.Frank, F.Meyer, E.Meyer-Hofmeister, W.M.Tscharnuter. (Dordrecht: Kluwer), p. 77.
- “Accretion Disk Chromospheres and the Star-Disk Connection”  
**K.Horne**, S.H.Saar, T.R.Marsh (1993). *Cataclysmic Variables and Related Physics. Eilat, Israel. 11-14 Jan 1993*. Eds: O.Regev, G.Shaviv. Annals of the Israel Physical Society, 10, 123.
- “HST Observations of the Eclipsing Dwarf Nova OY Carinae”  
T.R.Marsh, **K.Horne**, F.-H. Cheng (1993). *Cataclysmic Variables and Related Physics. Eilat, Israel. 11-14 Jan 1993*. Eds: O.Regev, G.Shaviv. Annals of the Israel Physical Society, 10, 7.
- “Spectrally-Resolved Eclipse Maps of the Accretion Disk in UX UMa”

R.G.M.Rutten, V.Dhillon, **K.Horne**, E.Kuulkers, J.van Paradijs (1993). *Cataclysmic Variables and Related Physics. Eilat, Israel. 11-14 Jan 1993*. Eds: O.Regev, G.Shaviv. Annals of the Israel Physical Society, 10, 137.

“Doppler Tomography: It’s easy, it’s fun, and everybody should try it.”

**K.Horne** (1992). *Fundamental Properties of Cataclysmic Variable Stars. San Diego, California, USA. 3-5 Jan 1991*. Ed: A.W.Shafter (San Diego: SDSU), p. 23.

“Variability and Structure of Accretion Disks in Cataclysmic Variables”

**K.Horne** (1991). *Structure and Emission Properties of Accretion Disks. IAU Colloquium 129. Paris, France. 2-6 Jul 1990*. Eds: C.Bertout, S.Collin, J.P.Lasota, J.Tran Thanh Van (Gif sur Yvette Cedex, France: Editions Frontières), p. 3.

“Optimal Extraction and Other CCD Spectrum Reduction Techniques”

**K.Horne** (1988). *New Directions in Spectrophotometry. Las Vegas, Nevada, USA. 28-30 Mar 1988*. Eds: A.G.D.Philip, D.S.Hayes, S.J.Adelman. (L.Davis Press).

“Application of Synthetic Photometry to HST Calibration”

**K.Horne** (1988). *New Directions in Spectrophotometry. Las Vegas, Nevada, USA. 28-30 Mar 1988*. Eds: A.G.D.Philip, D.S.Hayes, S.J.Adelman. (L.Davis Press).

“Accretion Disc Mapping”

T.R.Marsh, **K.Horne** (1988). *The Physics of Compact Objects: Theory versus Observations. Sofia, Bulgaria. 13-18 Jul 1987*. Advances in Space Research, 8, 127.

“Mapping the Line Emission Distribution of Cataclysmic Variable Stars”

T.R.Marsh, **K.Horne** (1987). *Cataclysmic Variables: Recent Multi-Frequency Observations and Theoretical Developments. IAU Colloquium 93. Bamberg, Germany. 16-19 Jun 1986*. Astrophysics & Space Science, 130, 85.

“Indirect Imaging of Accretion Disks in Binaries”

**K.Horne**, T.R.Marsh (1986). *The Physics of Accretion onto Compact Objects. Tenerife, Spain. 21-25 Apr 1986*. Eds: K.O.Mason, M.G.Watson, N.E.White. (Springer-Verlag) Lecture Notes in Physics, 266, 1.

“Eclipse Studies of Dwarf Novae”

**K.Horne** (1985). *Recent Results on Cataclysmic Variable Stars: ESA Workshop. Bamberg, Germany. 17-19 Apr 1985*. (ESA SP-236), 47.

### Contributed Papers in Conference Proceedings:

“Can the propeller outflow from AE Aqr be imaged directly.”

M.Still, **K.Horne**, C.Knigge (2003). *Magnetic Cataclysmic Variables. IAU Colloquium 190. Capetown, South Africa. 8-13 Dec 2002*. Eds: ???,??? ASP Conference Series, ???, ???.

“High Speed Keck Spectroscopy of Flickering in AM Her.”

W.Skidmore, R.Gomer, **K.Horne**, K.O’Brien, J.B.Oke (2003). *Magnetic Cataclysmic Variables. IAU Colloquium 190. Capetown, South Africa. 8-13 Dec 2002*. Eds: ???,??? ASP Conference Series, ???, ???.

“Echo Tomography of Black Hole Accretion Flows.”

**K.Horne**, (2002). *SPIE. Astronomical Telescopes & Instrumentation. Future EUV-UV and Visible Space Astrophysics Missions and Instrumentation. Waikoloa, HI. 22-28 Aug 2002*. Eds: J.C.Blades, O.H.Siegmund. SPIE Proc. 4854, ???.

“Time Delays in NGC 4151.”

- V.L.Oknyanskij, **K.Horne**, V.M.Lyuty, S.Honda, K.Sadakane, S.Tanabe (2003). *Active Galactic Nuclei: from Central Engine to Host Galaxy. Meudon, 23-27 Jul 2002*. Eds: S.Collin, F.Combes and I.Shlosman. ASP Conference Series, ???, 111?.
- “Fireballs in AE Aquarii.”  
K.J.Pearson, **K.Horne**, W.Skidmore (2002). *The Physics of Cataclysmic Variables and Related Objects. Goettingen, 5-10 Aug 2001*. Eds: B.T.Gaensicke, K.Beuermann, K.Reinsch. ASP Conference Series, 261, 163.
- “Fireballs and Oscillations in AE Aquarii.”  
W.Skidmore, K.J.Pearson, K.O’Brien, **K.Horne**, R.Gomer (2002). *The Physics of Cataclysmic Variables and Related Objects. Goettingen, 5-10 Aug 2001*. Eds: B.T.Gaensicke, K.Beuermann, K.Reinsch. ASP Conference Series, 261, 169.
- “Imaging Accretion Discs with Hubeny Spectra.”  
S.Vrielmann, M.Still, **K.Horne** (2002). *The Physics of Cataclysmic Variables and Related Objects. Goettingen, 5-10 Aug 2001*. Eds: B.T.Gaensicke, K.Beuermann, K.Reinsch. ASP Conference Series, 261, 567.
- “Reverberation Radii of Dust Holes in Active Galactic Nuclei”  
V.L.Oknyanskij, **K.Horne** (2001). *Probing the Physics of Active Galactic Nuclei by Multi-Wavelength Monitoring. Greenbelt, MD. 20-22 June 2000*. Eds: B.M.Peterson, R.S.Polidan, R.W.Pogge. ASP Conference Series, 224, 149.
- “Probable Detection of Reflected Starlight from Tau Boo b” **K.Horne**, A.Collier-Cameron, A.Penny, D.James (2001). *Disks, Planetesimals & Planets. Tenerife, 24-28 Jan 2000*. Eds: F.Garzon, C.Eiroa, D.de Winter, T.J.Mahoney. ASP Conference Series, 219, 468.
- “A Search for Planetary Transits in Open Clusters.” R.A.Street, **K.Horne**, A.Penny, Y.Tsapras, A.Quirrenbach, N.Safizadeh, J.Cooke, D.Mitchell, A.Collier-Cameron (2001). *Disks, Planetesimals & Planets. Tenerife, 24-28 Jan 2000*. Eds: F.Garzon, C.Eiroa, D.de Winter, T.J.Mahoney. ASP Conference Series, 219, 572.
- “Shadow of the planet orbiting HD 209458” R.A.Street, T.A.Lister, A.C.Cameron, **K.Horne** (2001). *Disks, Planetesimals & Planets. Tenerife, 24-28 Jan 2000*. Eds: F.Garzon, C.Eiroa, D.de Winter, T.J.Mahoney. ASP Conference Series, 219, 621.
- “EXPORT Observations of 1998 Microlensing Events.” Y.Tsapras, R.A.Street, **K.Horne**, A.Penny, F.Clark, H.Deeg, F.Garzon, S.Kemp, M.R.Z.Osorio, A.O.Abad, S.M.Sanchez, and the Export team (2001). *Disks, Planetesimals & Planets. Tenerife, 24-28 Jan 2000*. Eds: F.Garzon, C.Eiroa, D.de Winter, T.J.Mahoney. ASP Conference Series, 219, 626.
- “Structure, Spectra and Time Evolution of Accretion Discs in Cataclysmic Binaries”  
R.Baptista, C.Silveira, S.Catalan, J.E.Steiner, **K.Horne** (1998). *Focal Points in Latin American Astronomy. Tonantzintla, Mexico. 9-13 Nov 1998*. Eds: A.Aguilar, A.Carraminana. Revista Mexicana de Astronomia y Astrofisica Serie de Conferencias.
- “Disk-Anchored Magnetic Propellers – A Cure for the SW Sex Syndrome”  
**K.Horne** (1999). *Magnetic Cataclysmic Variables. Annapolis, Maryland, USA. 13-17 Jul 1998*. Eds: C.Hellier, K.Mukai. ASP Conference Series, 157, 349.
- “H<sub>0</sub> from Reverberating Accretion Discs”  
S.Collier, **K.Horne**, B.M.Peterson, I.Wanders (1999). *Quasars and Cosmology. La Serena, Chile. 18-22 May 1998*. Eds: G.Ferland & J.Baldwin. ASP Conference Series, ???, ???
- “Model Atmospheres and Synthetic Spectra of Quiescent Accretion Discs”

- M.D.Still, **K.Horne**, I.Hubeny (1998). *Accretion Processes in Astrophysical Systems: Some Like it Hot. College Park, Maryland, USA. 13-15 Oct 1997*. Eds: S.S.Holt, T.Kallman. AIP Conference Proceedings 431, 133.
- “Echo Mapping of the Radial Temperature Structure in AGN Accretion Discs”  
I.Wanders, S.Collier, **K.Horne**, B.M.Peterson (1998). *Accretion Processes in Astrophysical Systems: Some Like it Hot. College Park, Maryland, USA. 13-15 Oct 1997*. Eds: S.S.Holt, T.Kallman. AIP Conference Proceedings 431, 227.
- “H<sub>0</sub> from Reverberations in an Irradiated Accretion Disc”  
S.J.Collier, **K.Horne**, I.Wanders, B.M.Peterson (1998). *Accretion Processes in Astrophysical Systems: Some Like it Hot. College Park, Maryland, USA. 13-15 Oct 1997*. Eds: S.S.Holt, T.Kallman. AIP Conference Proceedings 431, 231.
- “Hot Spiral Structure in the Accretion Disk of the Dwarf Nova IP Pegasi”  
E.T.Harlaftis, D.Steeghs, **K.Horne**, E.L.Martin (1998). *Accretion Processes in Astrophysical Systems: Some Like it Hot. College Park, Maryland, USA. 13-15 Oct 1997*. Eds: S.S.Holt, T.Kallman. AIP Conference Proceedings 431, 459.
- “Recovery of 29-s Oscillations in HST Eclipse Observations of UX UMa”  
C.Knigge, N.Drake, K.S.Long, **K.Horne**, R.A.Wade, R.Baptista (1998). *Accretion Processes in Astrophysical Systems: Some Like it Hot. College Park, Maryland, USA. 13-15 Oct 1997*. Eds: S.S.Holt, T.Kallman. AIP Conference Proceedings 431, 463.
- “Assessing the Sensitivity of Atmosphere Fits to Accretion Disc Spectra”  
M.D.Still, **K.Horne**, I.Hubeny (1998). *Wild Stars in the Old West. Jackson Hole, Wyoming, USA. 15-19 Jul 1997*. Eds: S.Howell, E.Kuulkers, C.Woodward. ASP Conference Series, 137, 552.
- “HST Observations of the Fe II curtain in Cataclysmic Variables”  
S.Catalan, **K.Horne**, F.H.Cheng, T.R.Marsh, I.Hubeny (1998). *Wild Stars in the Old West. Jackson Hole, Wyoming, USA. 15-19 Jul 1997*. Eds: S.Howell, E.Kuulkers, C.Woodward. ASP Conference Series, 137, 426.
- “The 1996 Outburst of GRO J1655-40”  
R.I.Hynes, C.A.Haswell, R.P.Fender, C.R.Shrader, W.Chen, **K.Horne**, E.T.Harlaftis, K.O’Brien, C.Hellier, J.Kemp (1998). *Wild Stars in the Old West. Jackson Hole, Wyoming, USA. 15-19 Jul 1997*. Eds: S.Howell, E.Kuulkers, C.Woodward. ASP Conference Series, 137, 509.
- “The Wind of DQ Herculis”  
M.Eracleous, M.Livio, R.E.Williams, **K.Horne**, J.Patterson, P.Martell, K.T.Korista (1998). *Wild Stars in the Old West. Jackson Hole, Wyoming, USA. 15-19 Jul 1997*. Eds: S.Howell, E.Kuulkers, C.Woodward. ASP Conference Series, 137, 438.
- “Spiral Structure in the Accretion Disk of IP Pegasi”  
D.Steeghs, E.Harlaftis, **K.Horne** (1998). *Wild Stars in the Old West. Jackson Hole, Wyoming, USA. 15-19 Jul 1997*. Eds: S.Howell, E.Kuulkers, C.Woodward. ASP Conference Series, 137, 529.
- “Next Generation Tomography: Accretion Disks as they Really Are”  
S.Vrielmann, F.V.Hessman, **K.Horne** (1998). *Wild Stars in the Old West. Jackson Hole, Wyoming, USA. 15-19 Jul 1997*. Eds: S.Howell, E.Kuulkers, C.Woodward. ASP Conference Series, 137, 410.
- “Radiation Transfer in Disks of CVs”  
W.Hummel, **K.Horne**, T.R.Marsh, J.H.Wood (1997). *EARA Workshop on Accretion Disks. Garching, Germany. 21-23 Oct. 1996*. (Springer-Verlag) Lecture Notes in Physics, ???, ???.
- “Recent Observations of Flickering in CVs and AGNs”

W.F.Welsh, J.H.Wood, **K.Horne** (1997). *Accretion Phenomena and Associated Outflows. IAU Colloquium 163. Port Douglas, Australia, 15-19 July 1996*. Eds: D.Wickramasinghe, L.Ferrario, G.Bicknell. ASP Conference Series, 121, 331.

“Spectropolarimetry of CVs: Signatures of Magnetic Fields in Accretion Flows”

D. Steeghs, **K.Horne** (1997). *Accretion Phenomena and Associated Outflows. IAU Colloquium 163. Port Douglas, Australia. 15-19 July 1996*. Eds: D.Wickramasinghe, L.Ferrario, G.Bicknell. ASP Conference Series, 121, 418.

“Emission Lines of Dwarf Nova Accretion Disks”

W.Hummel, **K.Horne**, T.R.Marsh, J.H.Wood (1997). *Accretion Phenomena and Associated Outflows. IAU Colloquium 163. Port Douglas, Australia. 15-19 July 1996*. Eds: D.Wickramasinghe, L.Ferrario, G.Bicknell. ASP Conference Series, 121, 498.

“Time-Resolved Optical Spectroscopy of V795 Herculis”

R.J.Dickinson, R.K.Prinja, S.R.Rosen, A.R.King, C.Hellier, **K.Horne** (1997). *Accretion Phenomena and Associated Outflows. IAU Colloquium 163. Port Douglas, Australia, 15-19 July 1996*. Eds: D.Wickramasinghe, L.Ferrario, G.Bicknell. ASP Conference Series, 121, 697.

“The Spin-Resolved He II profile of RX J0558+53”

E.T.Harlaftis, **K.Horne** (1997). *Accretion Phenomena and Associated Outflows. IAU Colloquium 163. Port Douglas, Australia. 15-19 July 1996*. Eds: D.Wickramasinghe, L.Ferrario, G.Bicknell. ASP Conference Series, 121, 715.

“Physical Parameter Eclipse Mapping”

S.Vrielmann, **K.Horne**, R.Baptista, F.V.Hessman (1997). *Accretion Phenomena and Associated Outflows. IAU Colloquium 163. Port Douglas, Australia. 15-19 July 1996*. Eds: D.Wickramasinghe, L.Ferrario, G.Bicknell. ASP Conference Series, 121, 820.

“Velocity-Resolved Echo Mapping”

**K.Horne** (1997). *Emission Lines in Active Galaxies: New Methods and Techniques. IAU Colloquium 159. Shanghai, China. 17-20 June 1996*. Eds: B.M.Peterson, F-Z.Cheng, A.Wilson. ASP Conference Series, 113, 146.

“HST Spectral Maps of Accretion Disks in Cataclysmic Binaries”

R.Baptista, **K.Horne** (1996). *Science with the Hubble Space Telescope. II. Paris, France. Dec 1995*. Eds: P.Benvenuti, F.D.Macchetto, E.J.Schrier. (Baltimore: STScI).

“Eclipse Decomposition of Time-Resolved UBVR<sub>I</sub> and HST Spectra of the Dwarf Nova IP Peg”

S.Wolf, **K.Horne**, T.R.Marsh (1996). *Science with the Hubble Space Telescope. II. Paris, France. Dec 1995*. Eds: P.Benvenuti, F.D.Macchetto, E.J.Schrier. (Baltimore: STScI).

“Spectrally Resolved Maps of Optically Thick Accretion Disks”

R.Baptista, **K.Horne**, I.Hubeny, K.Long, C.W.Mauche, R.G.M.Rutten, R.A.Wade (1996). *Cataclysmic Variables and Related Objects. IAU Colloquium 158. Keele, UK. 26-30 Jul 1995*. Eds: A.Evans, J.H.Wood. Astrophysics & Space Science, 208, 17.

“Studies in Flickering”

W.F.Welsh, J.H.Wood, **K.Horne** (1996). *Cataclysmic Variables and Related Objects. IAU Colloquium 158. Keele, UK. 26-30 Jul 1995*. Eds: A.Evans, J.H.Wood. Astrophysics & Space Science 208, 29.

“Decomposing Interacting Binary Light Curves: the Eclipses of the Mean Light, Secular Variability, and Flickering in RW Tri”

P.Bennie, R.W.Hilditch, **K.Horne** (1996). *Cataclysmic Variables and Related Objects. IAU Colloquium 158. Keele, UK. 26-30 Jul 1995*. Eds: A.Evans, J.H.Wood. Astrophysics & Space Science 208, 33.

“Time Resolved Optical Spectroscopy of V795 Her”

R.J.Dickinson, R.K.Prinja, S.R.Rosen, **K.Horne** (1996). *Cataclysmic Variables and Related Objects. IAU Colloquium 158. Keele, UK. 26-30 Jul 1995*. Eds: A.Evans, J.H.Wood. *Astrophysics & Space Science* 208, 41.

“Slingshot Prominences During Dwarf Nova Outbursts?”

D.Steeghs, **K.Horne**, T.R.Marsh (1996). *Cataclysmic Variables and Related Objects. IAU Colloquium 158. Keele, UK. 26-30 Jul 1995*. Eds: A.Evans, J.H.Wood. *Astrophysics & Space Science* 208, 71.

“Line Formation in U Gem and T Leo”

W.Hummel, **K.Horne**, T.R.Marsh, J.H.Wood (1996). *Cataclysmic Variables and Related Objects. IAU Colloquium 158. Keele, UK. 26-30 Jul 1995*. Eds: A.Evans, J.H.Wood. *Astrophysics & Space Science* 208, 87.

“Physical Parameter Mapping of Accretion Disks”

S.Vrielmann, F.V.Hessman, **K.Horne**, R.Baptista (1996). *Cataclysmic Variables and Related Objects. IAU Colloquium 158. Keele, UK. 26-30 Jul 1995*. Eds: A.Evans, J.H.Wood. *Astrophysics & Space Science* 208, 125.

“The Flares of AE Aquarii”

M.Eracleous, **K.Horne**, M.Livio, W.F.Welsh (1996). *Cataclysmic Variables and Related Objects. IAU Colloquium 158. Keele, UK. 26-30 Jul 1995*. Eds: A.Evans, J.H.Wood. *Astrophysics & Space Science* 208, 165.

“Triggering the Radio Emission from AE Aqr”

D.Steeghs, M.Abada-Simon, L.Fletcher, **K.Horne**, J.Kuijpers, G.Ramsay (1996). *Cataclysmic Variables and Related Objects. IAU Colloquium 158. Keele, UK. 26-30 Jul 1995*. Eds: A.Evans, J.H.Wood. *Astrophysics & Space Science* 208, 167.

“Detection of the Secondary Star in X1822-371”

E.T.Harlaftis, P.A.Charles, **K.Horne** (1995). *Cataclysmic Variables and Related Objects. IAU Colloquium 158. Keele, UK. 26-30 Jul 1995*. Eds: A.Evans, J.H.Wood. *Astrophysics & Space Science* 208, 369.

“Optical and HST Observations of Oscillations and Flaring in AE Aquarii”

**K.Horne**, M.Eracleous (1995). *Magnetic Cataclysmic Variables. Capetown, South Africa. 23-27 Jan 1995*. Eds: D.Buckley & B.Warner. *ASP Conference Series*, 85, 244.

“HST Observations of AE Aquarii During the 1993 WAD Campaign”

M.Eracleous, **K.Horne**, J.P.Osborne, K.L.Clayton (1995). *Magnetic Cataclysmic Variables. Capetown, South Africa. 23-27 Jan 1995*. Eds: D.Buckley & B.Warner. *ASP Conference Series*, 85, 392.

“Simultaneous X-ray, UV and Optical Observations of Flaring in AE Aqr”

J.P.Osborne, K.L.Clayton, D.O'Donoghue, M.Eracleous, **K.Horne**, A.Kanaan (1995). *Magnetic Cataclysmic Variables. Capetown, South Africa. 23-27 Jan 1995*. Eds: D.Buckley & B.Warner. *ASP Conference Series*, 85, 368.

“The Radio and Optical Flares of AE Aquarii”

M.Abada-Simon, T.S.Bastian, **K.Horne**, E.L.Robinson, J.A.Bookbinder (1995). *Magnetic Cataclysmic Variables. Capetown, South Africa. 23-27 Jan 1995*. Eds: D.Buckley & B.Warner. *ASP Conference Series*, 85, 355.

“Inhomogeneous, Diamagnetic Accretion in AE Aquarii”

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