

NASA IUE Preprints

(Received Since Newsletter No. 39)

L. Huber, R. Arquilla, and P. S. Pitts

- "The Low Chromospheres in the Supergiant Components of Zeta Aur Type Binaries"
I. A. Ahmad
to appear in *Astrophysical Journal*
- "Ultraviolet Spectroscopic Observations of Herbig-Haro Objects"
E. W. Brugel
to appear in *Proceedings of ESO Workshop on "Low-mass Star Formation and Pre-Main Sequence Objects"*
- "Active Phenomena in the Pre-Main Sequence Herbig Ae Star HD 163296"
C. Catala, T. Simon, F. Praderie, A. Talavera, P. S. The, and H. R. E. Tjin A Djie
to appear in *Astronomy and Astrophysics*
- "On the Energy Dependent Variability of BL Lac Objects"
A. Celotti, L. Maraschi, and A. Treves
- "Simple Quantitative Analysis of the Atmosphere of the K-Supergiant in the Zeta Aurigae System"
R. D. Chapman
- "The Turn-Over of the "Big Bump" in Fairall 9 and HS1700+6461: A Genuine Difference Between Seyfert Galaxies and Quasars?"
J. Clavel and M. Santos-Lleo
to appear in *Astronomy and Astrophysics*
- "Far Ultraviolet Spectrophotometry of Spica"
T. A. Cook, W. Cash, and T. P. Snow
- "Multiwavelength Studies of Southern Early Type Galaxies"
A. C. Danks and M. R. Perez
- "Ultraviolet Observations of Halo Clouds"
L. Danly and C. Blades
to appear in *proceedings of IAU Symposium #120*
- "Ultraviolet, Visual and Infrared Studies of Galactic Extreme Emission Line Objects with Very Large IR-Excess"
D. de Winter, M. R. Perez, J. Y. Hu, and P. S. The
- "On the Nature of Newly-Formed Dust Around the Hydrogen-Deficient Star V348 Sgr"
J. S. Drilling and D. Schonberner
to appear in *Astrophysical Journal*
- "Chromospheric Variability of M-Giant Semiregular Variables"
J. A. Eaton, H. R. Johnson, and R. R. Cadmus, Jr.
- "The Long-Period Binary AL Velorum: The Atmospheric Eclipse of a KO III Giant"
J. A. Eaton, Y. Kondo, G. E. McCluskey, Jr., and S. N. Shore
- "The Ultraviolet to Infrared Energy Distribution of the BL Lacertae Object PKS 0422+00 at Two Different Brightness Levels"
R. Falomo, P. Bouchet, L. Maraschi, E. G. Tanzi, and A. Treves
to appear in *Astrophysical Journal*
- "PG 1553+11: A Bright Optically-Selected BL Lac Object"
R. Falomo and A. Treves
to appear in *Publications of the Astronomical Society of the Pacific*

- "The Temperature Scale of Hot DA White Dwarfs: Temperatures from FUV Continuum Fluxes"
D. S. Finley, G. Basri, and S. Bowyer
to appear in Astrophysical Journal
- "A Search for Evidence of Past and Ongoing Mass Loss in the Hot DO Degenerates PG1159-035, PG1034+001, and KPD0005+5106"
M. L. Fritz, H. J. Leckenby, and E. M. Sion
to appear in Astronomical Journal
- "The Hot DOA1 Degenerate HZ21: A Search for Circumstellar/Photospheric Metals and Peculiar Absorption at He II"
M. L. Fritz, H. Leckenby, E. M. Sion, G. Vauclair, and J. Liebert
to appear in Astronomical Journal
- "The Circumstellar Disks of Beta Pictoris Analogs"
C. A. Grady, F. C. Bruhweiler, K. P. Cheng, and W. A. Chiu
to appear in Astrophysical Journal
- "On the Interpretation of Chromospheric Emission Lines"
P. G. Judge
to appear in Astrophysical Journal
- "Radiative Cooling Functions Below 2×10^4 K"
P. G. Judge and D. H. Neff
- "The Evolution of Chromospheres and Winds of Low and Intermediate Mass Giant Stars"
P. G. Judge and R. E. Stencel
- "A Study of the Baldwin Effect in the IUE Data Set"
A. L. Kinney, A. R. Rivolo, and A. P. Koratkar
to appear in Astrophysical Journal
- "Modelling the Coronae and Chromospheres of RS CVn Systems by the Analysis of Ultraviolet, X-ray and Radio Observations"
J. L. Linsky
to appear in Proceedings of NATO ASI "Active Close Binaries"
- "LTE Analysis of the Far Ultraviolet Variations of 21 Com"
R. Monier and C. Megessier
to appear in Astronomy and Astrophysics
- "UV and IR Monitoring of GF Sge during 1982-89. Evolutionary Status."
B. Montesinos, A. Cassatella, R. Gonzalez-Riestra,
T. Fernandez-Castro, C. Eiroa, and J. Jimenez-Fuensalida
to appear in Astrophysical Journal
- "High-Velocity Interstellar Gas in the Lines-of-Sight to the Wolf-Rayet Stars HD 97152 and HD 96548"
J. Nichols-Bohlin and R. A. Fesen
- "HM Sge: The Evolution of a Symbiotic Nova"
H. Nussbaumer and M. Vogel
to appear in Astronomy and Astrophysics
- "The Long-Term Monitoring of the Spectrophotometric IUE Standard Stars"
M. R. Perez, N. Oliverson, M. Garhart, and T. Teays
- "Spectroscopic Monitoring Campaigns at Optical Wavelengths: Preliminary Results for NGC 5548 and Strategies for the Future"
B. M. Peterson
to appear in conference proceedings Variability of Active Galactic Nuclei

"Steps toward Determination of the Size and Structure of the Broad-Line Region in Active Galactic Nuclei. II. An Intensive Study of NGC 5548 at Optical Wavelengths"

B. M. Peterson, T. J. Balonek, E. S. Barker, J. Bechtold, R. Bertram, N. G. Bochkarev, M. J. Bolte, D. Bond, T. A. Boroson, M. T. Carini, T. E. Carone, J. A. Christensen, S. D. Clements, A. L. Cochran, R. D. Cohen, D. Crampton, M. Dietrich, M. Elvis, A. Ferguson, A. V. Filippenko, K. J. Fricke, C. M. Gaskell, J. P. Halpern, J. P. Huchra, J. B. Hutchings, W. Kollatschny, A. P. Koratkar, K. T. Korista, J. H. Krolik, N. J. Lamé, A. Laor, R. J. Leacock, G. M. MacAlpine, M. A. Malkan, D. Maoz, H. R. Miller, S. L. Morris, H. Netzer, C. L. M. Oliveira, J. Penfold, M. V. Penston, E. Perez, R. W. Pogge, M. W. Richmond, W. Romanishin, E. I. Rosenblatt, L. Sadelmyer, A. Sadun, S. R. Sawyer, J. C. Shields, A. I. Shapovalova, A. G. Smith, H. A. Smith, P. S. Smith, W.-H. Sun, U. Thiele, T. J. Turner, S. Veilleux, R. M. Wagner, R. J. Weymann, B. J. Wilkes, B. J. Wills, D. Wills, and P. F. Younger
to appear in Astrophysical Journal

"Ultraviolet and Optical Spectroscopy of NGC 5548 and the Nature of the Broad-Line Region"

B. M. Peterson, G. A. Reichert, K. T. Korista, and R. M. Wagner
to appear in Astrophysical Journal

"A Study of EUV Emission from Cataclysmic Variables"

R. S. Polidan, C. W. Mauche, and R. A. Wade
to appear in Astrophysical Journal

"The Distribution of Interstellar Al III Away from the Galactic Plane"

B. D. Savage, R. J. Edgar, and A. Diplas

"Ultraviolet Interstellar Absorption Toward HD 163522, A Halo Star at 9 kpc in the Direction $l = 350$ and $b = -9$ "

B. D. Savage, D. Massa, and K. Sembach

"Modulation and Winds of the Herbig Ae/Be Stars"

T. Simon
review talk presented at the "Second MUSICOS Workshop" in Paris

"IUE Observations of Rapidly Rotating, Low-Mass Stars in Young Clusters: The Relation between Chromospheric Activity and Rotation"

T. Simon
to appear in Astrophysical Journal Letters

"The Evolution of Chromospheric Activity of Cool Giant and Subgiant Stars"

T. Simon and S. A. Drake
to appear in Astrophysical Journal

"On the Post-Outburst Far Ultraviolet Declines of WZ Sagittae and Nova Cygni 1975"

E. M. Sion and P. Szkody
to appear in Proceedings of IAU Colloquium #122: The Physics of Classical Novae

"Observations of the New Luminous Blue Variable R 110 of the Large Magellanic Cloud During an F Star-Phase"

O. Stahl, B. Wolf, G. Klare, A. Juttner, and A. Cassatella
to appear in Astronomy and Astrophysics

"Toward Mapping the UV Circumstellar Shells of Late-Type Stars"

R. E. Stencel, P. G. Judge, and K. G. Carpenter
to appear in Proceedings of the Sixth Cool Stars Workshop

"New Observations of the Gas Cloud Associated with the Quasar-Galaxy Pair 3C 232/NGC 3067"

J. T. Stocke, J. Case, M. Donahue, J. M. Shull, and T. P. Snow
to appear in Astrophysical Journal

- "Simultaneous X-ray, UV, and Optical Observations of LMC X-3"
 A. Treves, T. Belloni, R. H. D. Corbet, K. Ebisawa, R. Falomo,
 F. Makino, K. Makishima, L. Maraschi, S. Miyamoto, and E. G. Tanzi
 to appear in Astrophysical Journal
- "Long-Term Variability and Possible Stellar Cycles in
 Hybrid-Chromosphere Stars"
 A. W. Veale and A. Brown
- "Massa's Star, HD 93840: A New Extreme BN Supergiant"
 N. R. Walborn, E. L. Fitzpatrick, and J. Nichols-Bohlin
 to appear in Publications of the Astronomical Society of the
 Pacific
- "The Ultraviolet and X-ray Spectrum of NGC 5548: Evidence for Thermal
 Comptonization and Geometrical Variations"
 R. Walter and T. J.-L. Courvoisier
 to appear in Astronomy and Astrophysics
- "The Variable Ultraviolet Absorption Lines in the Seyfert 1 Galaxy
 NGC 3516"
 R. Walter, M. H. Ulrich, T. J.-L. Courvoisier, and L. M. Buson
 to appear in Astronomy and Astrophysics
- "Ultraviolet and Optical Variations in Active Galactic Nuclei:
 The Seyfert 1 Galaxy NGC 5548"
 W. Wamsteker, P. Rodriguez-Pascual, B. Wills, H. Netzer,
 D. J. Wills, R. Gilmozzi, M. Barylak, A. Talavera, D. Maoz, P. Barr,
 and A. Heck
 to appear in Astrophysical Journal