

NASA IUE Preprints

(Received Since Newsletter No. 42)

P. S. Pitts

- "A Line Identification Study of the IUE SWP High Disperison Spectrum of the UV-Bright Star Barnard 29 of Messier 13"  
A. J. Adelman, C. Cacciari, and D. S. Leckrone  
to appear in *Astronomy and Astrophysics Supplement*
- "Twelve Years of IUE Spectra of the Interacting Binary VV Cephei"  
W. H. Bauer, R. E. Stencel, and D. H. Neff  
to appear in *Astronomy and Astrophysics*
- "On the Absence of Interstellar Absorption from NGC 4319 in the Spectrum of Mrk 205"  
D. V. Bowen, M. Pettini, M. V. Penston, and C. Blades
- "Mass Outflow in the Nearby Proto-Planetary System, Beta Pictoris"  
F. C. Bruhweiler, Y. Kondo, and C. A. Grady  
to appear in *Astrophysical Journal Letters*
- "A Search for Circumstellar Dust around HR 10, a Proposed Beta Pictoris Star"  
K.-P. Cheng, C. A. Grady, and F. C. Bruhweiler  
to appear in *Astrophysical Journal Letters*
- "A Search for Beta Pictoris Analogs"  
K.-P. Cheng, C. A. Grady, F. C. Bruhweiler, and Y. Kondo  
to appear in *Evolution in Astrophysics: IUE Astronomy in the Era of New Space Missions*
- "Gas Dynamics, Accretion and Evolution of Algols: Initial Results for Three Representative Systems"  
A. Gimenez, R. Gonzalez-Riestra, E. F. Guinan, Y. Kondo, G. McCluskey, D. H. Bradstreet, G. P. McCook, J. D. Dorren, S. Johansson, and J. Sahade  
to appear in *Evolution in Astrophysics: IUE Astronomy in the Era of New Space Missions*
- "What We Learn from Eclipsing Binaries in the Ultraviolet"  
E. F. Guinan  
to appear in *Evolution in Astrophysics: IUE Astronomy in the Era of New Space Missions*
- "Fe II Emission Lines. I. Chromospheric Spectra of Red Giants"  
P. G. Judge and C. Jordan  
to appear in *Astrophysical Journal Supplement*
- "Evolution of the Chromospheres and Winds of Low- and Intermediate-Mass Giant Stars"  
P. G. Judge and R. E. Stencel  
to appear in *Astrophysical Journal*
- "The UV Spectrum of Sco X-1 as Observed by IUE: 1978-1988"  
T. R. Kallman, J. C. Raymond, and S. D. Vrtilik  
to appear in *Astrophysical Journal*
- "The UV Spectra of Nearby and Very High Redshift Radio Galaxies"  
W. C. Keel and R. A. Windhorst
- "An Ultraviolet Atlas of Quasar and Blazar Spectra"  
A. L. Kinney, R. C. Bohlin, J. C. Blades, and D. G. York  
to appear in *Astrophysical Journal Supplement Series*
- "IUE Observations of NGC 5548, 1978-1988: The Sizes and Kinematics of the Broad Line Region"  
A. P. Koratkar and C. M. Gaskell  
to appear in *Astrophysical Journal*

- "Si IV and C IV Resonance Lines as Indicators of Massive Stars in Starburst Galaxies"  
C. Leitherer and H. J. G. L. M. Lamers  
to appear in Astrophysical Journal
- "What Can Solar and Stellar Ultraviolet Observations Tell about Chromospheric and Coronal Heating Mechanisms?"  
J. L. Linsky  
to appear in Proceedings, Heidelberg Conference on Mechanisms of Chromospheric and Coronal Heating
- "Relationship of Starspots to Other Indicators of Stellar Activity"  
J. L. Linsky  
to appear in Surface Inhomogeneities in Late-type Stars
- "Recent Advances in Our Understanding of Chromospheric and Coronal Heating Mechanisms"  
J. L. Linsky  
to appear in The Sun and Cool Stars: Activity, Magnetism and Dynamos, Proceedings, IAU Colloquium 130
- "High-Resolution IUE Spectra of the Novalike Variable IX Velorum"  
C. W. Mauche  
to appear in Astrophysical Journal
- "Ground-Based Studies of Emission-Line Variability: Recent Results for NGC 5548 and Future Plans"  
B. M. Peterson  
to appear in Proceedings, Conference on Variability in Active Galaxies
- "Recent Measurements of Stellar Magnetic Fields"  
S. Saar  
to appear in Mechanisms of Chromospheric and Coronal Heating
- "Long and Short Timescale Variability of Magnetic Activity on the BY Dra Star BD+26 730"  
S. Saar, L. Golub, B. Bopp, W. Herbst, and J. Huovelin  
to appear in Evolution in Astrophysics: IUE Astronomy in the Era of New Space Missions
- "The Chromospheric Emission-Age Relation for Stars of the Lower Main Sequence, and Its Implications for the Star Formation Rate"  
D. R. Soderblom, D. K. Duncan, and D. R. H. Johnson  
to appear in Astrophysical Journal

NASA IUE Reprints

(Received Since Newsletter No. 42)

P. S. Pitts

- "Fast Spectroscopic Variations on Rapidly Rotating, Cool Dwarfs - III. Masses of Circumstellar Absorbing Clouds on AB Doradus"  
Collier Cameron, A., Duncan, D. K., Ehrenfreund, P., Foing, B. H., Kuntz, K. D., Penston, M. V., Robinson, R. D., and Soderblom, D. R. 1990, M.N.R.A.S., 247, 415.
- "FG Sagittae: No Hot Companion?"  
Feibelman, W. A., and Bruhweiler, F. C. 1990, A.J., 100, 1248.
- "Orbital Elements and Optical Spectroscopy of the Enigmatic cF+B Binary System HD 207739"  
Griffin, R. F., Parsons, S. B., Dempsey, R., and Bopp, B. W. 1990, P.A.S.P., 102, 535.
- "PB 6 and Its Central Star"  
Kaler, J. B., Shaw, R. A., Feibelman, W. A., and Imhoff, C. L. 1991, P.A.S.P., 103, 67.
- "Multi-cycle Fluorescence: Application to S2 in Comet IRAS-Araki-Alcock 1983VII"  
Kim, S. J., A'Hearn, M. F., and Larson, S. M. 1990, Icarus, 87, 440.
- "Stellar Lyman-Alpha Emission and the Local Interstellar Medium"  
Landsman, W., and Simon, T. 1991, Ap.J. (Letters), 366, L79.
- "Jupiter's North and South Polar Aurorae with IUE Data"  
Livengood, T. A., and Moos, H. W. 1990, Geophys. Res. Letters, 17, 2265.
- "HD 51956: A Supergiant in an Interacting Binary"  
Parson, S. B., and Ake, T. B. 1990, Ap.J. (Letters), 364, L13.
- "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"  
Peterson, B. M., Balonek, T. J., Barker, E. S., Bechtold, J., Bertram, R., Bochkarev, N. G., Bolte, M. J., Bond, D., Boroson, T. A., Carini, M. T., Carone, T. E., Christensen, J. A., Clements, S. D., Cochran, A. L., Cohen, R. D., Crampton, D., Dietrich, M., Elvis, M., Ferguson, A., Filippenko, A. V., Fricke, K. J., Gaskell, C. M., Halpern, J. P., Huchra, J. P., Hutchings, J. B., Kollatschny, W., Koratkar, A. P., Korista, K. T., Krolik, J. H., Lam, N. J., Laor, A., Leacock, R. J., MacAlpine, G. M., Malkan, M. A., Maoz, D., Miller, H. R., Morris, S. L., Netzer, H., Oliveira, C. L. M., Penfold, J., Penston, M. V., Perez, E., Pogge, R. W., Richmond, M. W., Romanishin, W., Rosenblatt, E. I., Saddlemeyer, L., Sadun, A., Sawyer, S. R., Shields, J. C., Shapovalova, A. I., Smith, A. G., Smith, H. A., Smith, P. S., Sun, W.-H., Thiele, U., Turner, T. J., Veilleux, S., Wagner, R. M., Weymann, R. J., Wilkes, B. J., Wills, B. J., Wills, D., Younger, P. F. 1991, Ap.J., 368, 119.
- "On the Size of the Broad-Line Region in Arakelian 120"  
Peterson, B. M., and Gaskell, C. M. 1991, Ap.J., 368, 152.
- "The Ultraviolet and Visible Light Variability of BP Tauri: Possible Clues for the Origin of T Tauri Star Activity"  
Simon, T., Vrba, F. J., and Herbst, W. 1990, A.J., 100, 1957.
- "No 'Chromospheric Activity' Seen in Eta And"  
Strassmeier, K. G., and Hron, J. 1990, Information Bulletin on Variable Stars, No. 3545.

"IUE Observations of PG 1115+180: The He I Gunn-Peterson Test and a Search for the Lensing Galaxy"  
Tripp, T. M., Green, R. F., and Bechtold, J. 1990, Ap.J. (Letters), 364, L29.