

- Avila Reese, V.** Evolution of Helium Stars in Massive Close Binary Systems (Abstract). *V. Avila Reese.* Vol. 26, 99, 1993
- Avila Reese, V.A.** Evolution of Helium Stars in Close Binary Systems. *V.A. Avila Reese.* Vol. 25, 79, 1993
- Avrett, E.H.** Winds of T Tauri Stars (Abstract). *N. Calvet, L. Hartmann, E.H. Avrett, & R. Loeser.* Vol. 18, 180, 1989
- Ayala, S.** Broad-Band Photometry of Selected H II Galaxies (Contributed Paper). *M. Peña & S. Ayala.* Vol. 27, 171, 1993
- Ayala, S.** Erratum: Broad-Band Photometry of Selected H II Galaxies. *M. Peña & S. Ayala.* Vol. 28, 197, 1994
- Ayala, S.** Wide Band Photometry of H II Galaxies (Abstract). *M. Peña & S. Ayala.* Vol. 26, 129, 1993
- Azcárate, I.N.** A Galactic Electron Temperature Gradient for the Extended and Low-Density Gas, Derived from H166 α Observations (Contributed Paper). *I.N. Azcárate, J.C. Cersosimo, & F.R. Colomb.* Vol. 10, 179, 1985
- Azcárate, I.N.** A New Determination of the Galactic Electron Temperature Gradient for Extended and Low Density Ionized Gas. *I.N. Azcárate, J.C. Cersosimo, & F.R. Colomb.* Vol. 20, 23, 1990
- Azcárate, I.N.** A Search for H159 α and H200 β in Southern H II Regions and the Galactic Center. *J.C. Cersosimo, I.N. Azcárate, & F.R. Colomb.* Vol. 17, 91, 1989
- Azcárate, I.N.** Evidence for the Presence of a Warping of the Ionized Gas Layer Derived from H166 α Emission Observations in the Outer Galaxy. *I.N. Azcárate, J.C. Cersosimo, & F.R. Colomb.* Vol. 20, 75, 1990
- Azcárate, I.N.** H166 α Emission from Low-Density Gas Associated with Southern H II Regions. *I.N. Azcárate, J.C. Cersosimo, & F.R. Colomb.* Vol. 15, 3, 1987
- Azcárate, I.N.** Low Density Envelopes of Southern H II Regions. *I.N. Azcárate, J.C. Cersosimo, & F.R. Colomb.* Vol. 15, 125, 1987
- Azcárate, I.N.** Low Density Ionized Gas Associated with M17, G333.3-0.4, and RCW74. *I.N. Azcárate, J.C. Cersosimo, & F.R. Colomb.* Vol. 13, 15, 1986
- Azcárate, I.N.** The H166 α Recombination Line in the Carina Nebula (Contributed Paper). *I.N. Azcárate, J.C. Cersosimo, & F.R. Colomb.* Vol. 6, 269, 1981

- Bagalá, L.G.** Multiwavelength Observations and Magnetic Field Modelling of a Solar Flare (Abstract). *L.G. Bagalá, M.G. Rovira, C.H. Mandrini, P. Démoulin, & J.-C. Hénoux.* Vol. 26, 135, 1993
- Baganoff, F.K.** The 1990 Calán/CTIO Supernova Search (Abstract). *Hamuy et al.* Vol. 26, 114, 1993
- Baguidinsky, B.K.** A Hard Way to Precision. 30-Year Long Story of the Experience with the Zverev Photographic Vertical Circle (Abstract). *B.K. Baguidinsky, G.A. Goncharov, E.V. Kornilov, V.A. Naumov, D.D. Polojetsev, S.P. Puliaev, V.D. Shkutov, E.G. Zhilinsky, & C. Torres.* Vol. 26, 131, 1993
- Bajaja E.** CO in Southern Barred Galaxies (Abstract). *E. Bajaja & R. Wielebinski.* Vol. 26, 93, 1993
- Bajaja, E.** El continuo de 1410 MHz en la Nube menor de Magallanes (Contributed Paper). *M. Loiseau & E. Bajaja.* Vol. 10, 95, 1985
- Bajaja, E.** Estudio de algunas nubes de alta velocidad del hemisferio sur (Contributed Paper). *E. Bajaja, C. Cappa de Nicolau, M.C. Martin, R. Morras, C.A. Olano, & W.G.L. Pöppel.* Vol. 14, 604, 1987
- Bajaja, E.** Fine Structure in High Velocity Clouds (Contributed Paper). *R. Morras & E. Bajaja.* Vol. 6, 255, 1981
- Bajaja, E.** H I around the Dwarf Galaxy in Phoenix (Research Note). *R. Morras & E. Bajaja.* Vol. 13, 69, 1986
- Bajaja, E.** H I Structures in OB Associations (Abstract). *J.R. Rizzo, E.M. Arnal, & E. Bajaja.* Vol. 26, 97, 1993
- Bajaja, E.** HVC 131+1-200: ¿Colisión de una nube de alta velocidad con el plano galáctico? (Abstract). *R. Morras, E.M. Arnal & E. Bajaja.* Vol. 26, 97, 1993
- Bajaja, E.** La astronomía argentina y el centenario del observatorio de La Plata (Invited Paper). *E. Bajaja.* Vol. 10, 21, 1985
- Bajaja, E.** Neutral Hydrogen in the Small Magellanic Cloud (Contributed Paper). *N. Loiseau & E. Bajaja.* Vol. 6, 55, 1981
- Bajaja, E.** Observation of the $^{12}\text{CO}(1-0)$ Line in Four Southern Galaxies (Abstract). *E. Bajaja, J. Harnett, & H.-P. Reuter.* Vol. 21, 711, 1990

- Bajaja, E.** On the Location of Intermediate and High-Velocity Gas in the General Direction of the Large Magellanic Cloud (Abstract). *K.S. de Boer, R. Morras, & E. Bajaja.* Vol. 21, 712, 1990
- Bajaja, E.** Radio-observaciones del OH en la coma del cometa Halley desde el hemisferio sur (Abstract). *A.M. Silva et al.* Vol. 14, 670, 1987
- Bajaja, E.** Results from an OH-Maser Survey in the Galactic Plane (Research Note). *E.M. Arnal, E. Bajaja, R. Morras, & W.G.L. Pöppel.* Vol. 20, 3, 1990
- Bakor, Y.** Acousto-Optical Spectrometers at Itapetinga Radio Observatory (Contributed Paper). *E. Scalise Jr., J.L. Monteiro do Vale, Y. Bakor, & R.E. Schaal.* Vol. 12, 409, 1986
- Balázs, L.G.** Interstellar Matter in the Region of the Open Cluster IC 4665 (Abstract). *A. Frontó, P. Abraham, & L.G. Balázs.* Vol. 29, 211, 1994
- Balcazar-García, M.** Resolution and Sensibility Increase in CR-39 Plastic Cosmic Ray Detector (Contributed Paper). *A. Laville, J. Pérez-Peraza, D. López, M. Balcazar-García, & A. López.* Vol. 14, 776, 1987
- Baldwin, J.A.** McDonald Observatory – *Hubble Space Telescope* Spectroscopy of the Narrow Line Region of High Luminosity Active Galactic Nuclei (Abstract). *B.J. Wills, H. Netzer, M.S. Brotherton, M. Han, D. Wills, J.A. Baldwin, G.J. Ferland, & I.W.A. Browne.* Vol. 27, 225, 1993
- Baldwin, J.A.** The 1990 Calán/CTIO Supernova Search (Abstract). *Hamuy et al.* Vol. 26, 114, 1993
- Baldwin, J.A.** The Ly α Forest at $4.2 < z < 4.5$ (Abstract). *G.M. Williger, J.A. Baldwin, R.F. Carswell, C. Hazard, M.J. Irwin, & R.G. McMahon.* Vol. 26, 124, 1993
- Ballereau, D.** Evolution of the H α Profile of the Be Star HD 184279. *M. Alvarez, D. Ballereau, & J. Chauville.* Vol. 20, 7, 1990
- Ballereau, D.** H α Echelle Spectroscopy of Be Stars: An Atlas. *D. Ballereau, M. Alvarez, J. Chauville, & R. Michel.* Vol. 15, 29, 1987
- Ballereau, D.** Long and Short Period Variations of Some Be Stars (Contributed Paper). *M. Alvarez, A.-M. Hubert-Delplace, J. Arsenijevic, D. Ballereau, & J. Chauville.* Vol. 21, 398, 1990
- Ballereau, D.** Spectroscopy and Photometry of some Intrinsic B Variable Stars (Contributed Paper). *M. Alvarez, D. Ballereau, J.P. Sareyan, J. Chauville, R. Michel, & J.M. Le Contel.* Vol. 14, 315, 1987
- Balthazar, J.M.** Sobre algumas técnicas de perturbação utilizadas no problema ressonante 3/1 (Abstract). *J.M. Balthazar, J.L. Sagnier, S. Ferraz Mello, J. Koiller, & T. Yokoyama.* Vol. 14, 639, 1987
- Balthazar, J.M.** Some Instabilities in the 3/1 Resonant Problem (Contributed Paper). *T. Yokoyama, M. Sato, J. Koiller, & J.M. Balthazar.* Vol. 14, 636, 1987
- Balthazar, J.M.** Trajetórias médias “medias” para asteroides do tipo Héstia (Abstract). *J.M. Balthazar.* Vol. 21, 744, 1990
- Baptista, R.** Accretion Disk Image Reconstruction in Cataclysmic Variables (Contributed Paper). *R. Baptista & J.E. Steiner.* Vol. 21, 429, 1990
- Baptista, R.** Nova V2214 Ophiuchi 1988. A Slow Magnetic Nova inside the Period Gap (Abstract). *R. Baptista, F.J. Jablonski, D. Cieslinski, & J.E. Steiner.* Vol. 26, 112, 1993
- Baptista, R.** The Eclipsing Cataclysmic Variable NSV 12615 (V4041 SGR) (Contributed Paper). *R. Baptista, F.J. Jablonski, & J.E. Steiner.* Vol. 21, 383, 1990
- Barbá, R.H.** Estudio espectrográfico en alta dispersión de θ¹ Sagittarii (Abstract). *R.H. Barbá & O.E. Ferrer.* Vol. 21, 722, 1990
- Barbosa, F.** CAMILA: Infrared Camera/Spectrograph (Contributed Paper). *I. Cruz-González et al.* Vol. 29, 197, 1994
- Barbuy, B.** Derivation of Stellar Parameters Using a Grid of Synthetic Spectra (Contributed Paper). *B. Barbuy, M.-N. Perrin, & R. Cayrel.* Vol. 21, 406, 1990
- Barbuy, B.** Grain Growth in Collapsing Clouds (Contributed Paper). *S.C.F. Rossi, P. Benevides-Soares, & B. Barbuy.* Vol. 21, 489, 1990
- Barbuy, B.** Metallicities of Metal-Rich Stars (Abstract). *S. Castro & B. Barbuy.* Vol. 26, 100, 1993
- Barbuy, B.** Nitrogen-to-Carbon Ratio in 70 Dwarf Halo Stars (Contributed Paper). *D.F. Carbon, R.P. Kraft, B. Barbuy, E. Friel, & N.B. Suntzeff.* Vol. 12, 173, 1986
- Barbuy, B.** Oxygen Abundances from Permitted and Forbidden Lines (Abstract). *S.C.F. Rossi, B. Barbuy, & S. Castro.* Vol. 26, 105, 1993
- Barbuy, B.** Oxygen Abundances in the LMC (Abstract). *J.A. de Freitas Pacheco & B. Barbuy.* Vol. 26, 119, 1993
- Barbuy, B.** Synthetic Absorption Lines in Cool Stars and Normal Galaxies (Invited Paper). *B. Barbuy.* Vol. 26, 23, 1993
- Barbuy, B.** Synthetic Ca II Triplet Lines (Contributed Paper). *M. Erdelyi Mendes & B. Barbuy.* Vol. 21, 409, 1990

- Barbuy, B.** TiO Bands in Early Type Galaxies (Abstract). *A. Milone & B. Barbuy.* Vol. 26, 103, 1993
- Barlow, M.J.** Abundances for a Sample of Southern Galactic Planetary Nebulae (Contributed Paper). *R.L. Kingsburgh & M.J. Barlow.* Vol. 27, 157, 1993
- Barral, J.F.** A Stellar Wind Model for Bipolar Nebulae. *J.F. Barral & J. Cantó.* Vol. 5, 101, 1981
- Barral, J.F.** Chaotic Regions and Invariant Manifolds in Models for Elliptical Galaxies (Abstract). *A. Serrano P.G., A. González, J.F. Barral, E. Recillas-Cruz, & A. Sarmiento G.* Vol. 14, 80, 1987
- Barral, J.F.** Earth Based Observations of Comet Halley (Contributed Paper). *J.F. Barral, M. Ríos Berúmen, M. Ríos Herrera, A. Quintero, A. Pani, R. Peniche, & J.H. Peña.* Vol. 14, 660, 1987
- Barral, J.F.** Observations and Models of the Eclipse of the Central Star of NGC 2346. *R. Costero, M. Tapia, R.H. Méndez, J. Echevarría, M. Roth, A. Quintero, & J.F. Barral.* Vol. 13, 149, 1986
- Barral, J.F.** Spectrophotometry of Northern Wolf-Rayet Stars: A Sample of WN4, WN5, and WN6 Stars (Contributed Paper). *J.F. Barral, G.F. Bisiacchi, C. Firmani, G. Koenigsberger, & J. Wampler.* Vol. 14, 284, 1987
- Barrera, L.H.** Determination of the Orbital Periods of CP Puppis and T Pyxidis (Abstract). *L.H. Barrera & N. Vogt.* Vol. 19, 99, 1987
- Barrera, L.H.** Spectroscopic Monitoring of Southern Be Stars (Contributed Paper). *L.H. Barrera & N. Vogt.* Vol. 14, 323, 1987
- Barrientos, F.** The 1990 Calán/CTIO Supernova Search (Abstract). *Hamuy et al.* Vol. 26, 114, 1993
- Barrientos, L.F.** Photometry and Inclination Study of the Seyfert Galaxies of the Calán-Tololo Survey (CTS) (Abstract). *L.F. Barrientos & J. Maza.* Vol. 26, 121, 1993
- Barroso Jr., J.** Setting a Physical Diameter for ER Virginis (Abstract). *J. Barroso Jr.* Vol. 21, 722, 1990
- Barth, C.S.** CCD Imagery of NGC 4861. Dynamical and Evolutive Implications (Abstract). *C.S. Barth, H. Dottori, J. Cepa, & J. Vilchez.* Vol. 26, 125, 1993
- Barth, C.S.** Magnetic Bipoles in Emerging Flux Regions on the Sun (Contributed Paper). *C.S. Barth & S.H.B. Livi.* Vol. 21, 549, 1990
- Baschek, B.** The Effects of Lines on the Mean Opacities in Novae, Supernovae, and Accretion Disks (Contributed Paper). *R. Wehrse, B. Baschek, & G. Shaviv.* Vol. 23, 247, 1992
- Bash, F.N.** The Starburst Properties of M82, M83 and IC 342 (Contributed Paper). *C.E. Walker, F.N. Bash, R.N. Martin, & T.G. Phillips.* Vol. 27, 203, 1993
- Basri, G.** Coordinated Multi-Spectral Coverage of T Tauri Stars (Abstract). *G. Basri & L. Kuhu.* Vol. 7, 198, 1983
- Bassino, L.** Globular Cluster Systems in Elliptical Galaxies (Abstract). *M. Rabolli, R. Madejsky, G. Marani, I. Vega, & L. Bassino.* Vol. 26, 104, 1993
- Bassino, L.P.** How do Giant Galaxies Eat Dwarfs? (Abstract). *L.P. Bassino, J.C. Muzzio, & M. Rabolli.* Vol. 26, 125, 1993
- Bassino, L.P.** On the Vertex Deviation of Young Stars. *L.P. Bassino, V.H. Dessaunet, & J.C. Muzzio.* Vol. 13, 9, 1986
- Bassino, L.P.** Systematic Errors in Radial Velocities Measured on Image-Tube Spectra from the CTIO 1-m Telescope. *L.P. Bassino & J.C. Muzzio.* Vol. 9, 165, 1984
- Bastien, P.** Fragmentation of Elongated Cylindrical Clouds (Contributed Paper). *H. Martel, I. Bonnell, J.-P. Arcoragi, P. Bastien, F. Rouleau, & W. Benz.* Vol. 27, 161, 1993
- Bastien, P.** Polarization Properties of T Tauri Stars (Abstract). *P. Bastien.* Vol. 7, 198, 1983
- Batten, A.H.** The Discovery and Observation of Multiple Stellar Systems (Invited Paper). *A.H. Batten & C.D. Scarfe.* Vol. 3, 21, 1977
- Baume, G.** A Code to Compute Stellar Masses onto the H-R Diagram (Abstract). *G. Baume, S. Paoli, R.A. Vázquez, & A. Feinstein.* Vol. 29, 212, 1994
- Bazzanella, B.** Photoelectric Scanner Observations of Central Stars of Planetary Nebulae (Abstract). *S.J. Codina Landaberry, J.A. de Freitas Pacheco, L. Viadana, & B. Bazzanella.* Vol. 12, 191, 1986
- Bazzanella, B.** The Spectrophotometer of the National Observatory (Abstract). *S.J. Codina Landaberry, J.A. de Freitas Pacheco, J.L. Kohl, B. Bazzanella, & R.T. Ribeiro.* Vol. 12, 405, 1986
- Bazán, G.** ^{26}Al Production in AGB Stars and 1.809 MeV Line Emission in the Galaxy (Contributed Paper). *G. Bazán, L. Brown, D. Clayton, & J. Truran.* Vol. 27, 87, 1993
- Beardsley, W.R.** Does the System Theta Virginis Represent a New Class of Pulsating Star? (Contributed Paper). *W.R. Beardsley & E.R. Zizka.* Vol. 3, 109, 1977
- Beardsley, W.R.** Kappa Pegasi -- A Quadruple System of Possible Low Total Mass (Contributed Paper). *W.R. Beardsley & M.W. King.* Vol. 3, 85, 1977

- Beaugé, C.** Simulaciones de N-cuerpos de la formación de los planetas terrestres (Abstract). *C. Beaugé & S.J. Aarseth.* Vol. 21, 737, 1990
- Beck, R.** Small Scale Structure of Polarized Emission in M31 (Abstract). *N. Loiseau, E. Hummel, R. Beck, & R. Wielebinski.* Vol. 14, 167, 1987
- Beckman, J.** High Resolution Observations of Chromospheric Lines in Late-Type Dwarfs (Abstract). *B.H. Foing, J. Beckman, L. Crivellari, & D. Galleguillos.* Vol. 12, 214, 1986
- Beckman, J.** NGC 2403: A Flocculent Galaxy with Two Principal Centres of Star Formation (Contributed Paper). *J. Beckman, J. Cepa, M. Prieto, & C. Muñoz-Tuñón.* Vol. 14, 134, 1987
- Beckman, J.** NGC 6946: Kinematics of the Starburst in the Circum-Nuclear Zone (Contributed Paper). *C. Muñoz-Tuñón, J. Beckman, & M. Prieto.* Vol. 14, 144, 1987
- Belmonte, J.A.** Stellar Seismology from Photometric Measurements (Contributed Paper). *M. Alvarez, J.A. Belmonte, M. Chevreton, N. Dolez, T. Roca Cortés, M. Auvergne, A. Mangeney, M.J. Goupil, & E. Michel.* Vol. 21, 361, 1990
- Benaglia, P.** Burbujas de gas neutro alrededor de estrellas del tipo O (Abstract). *C. Cappa de Nicolau, V.S. Niemela & P. Benaglia.* Vol. 26, 94, 1993
- Benaglia, P.** Distribution of the Atomic Component in the Local Interstellar Medium. I. The Warm Neutral Intercloud Medium (WNM) (Contributed Paper). *W.G.L. Pöppel, P. Marronetti, & P. Benaglia.* Vol. 21, 273, 1990
- Benaglia, P.** The Neutral Phases in the Local Interstellar Medium at $|b| \geq 10^\circ$ and Low Velocities (Abstract). *W.G.L. Pöppel, P. Marronetti, & P. Benaglia.* Vol. 26, 119, 1993
- Benest, D.** Stable Orbits in the Circular Plane Restricted Three-Body Problem (Contributed Paper). *D. Benest.* Vol. 3, 151, 1977
- Benevides-Soares, P.** Absolute Azimuth at Low Latitude with a Polarissima (Contributed Paper). *R. Teixeira & P. Benevides-Soares.* Vol. 12, 421, 1986
- Benevides-Soares, P.** An Analysis of the Infrared and Optical Continua of Seyfert 2 Galaxies (Contributed Paper). *R.O. Lagua, S.M.V. Aldrovandi, & P. Benevides-Soares.* Vol. 12, 153, 1986
- Benevides-Soares, P.** Astrolabe 45° Zenith Distance Observations of α Sco A (Contributed Paper). *L.B.F. Clauzet, P. Benevides-Soares, S. Débarbat, & F. Chollet.* Vol. 21, 291, 1990
- Benevides-Soares, P.** "Astrolabe Stars" Project: Right Ascension (Abstract). *T.C.C. Grassi-Leonardi & P. Benevides-Soares.* Vol. 21, 727, 1990
- Benevides-Soares, P.** Comparison of an Astrolabe Catalogue Computed with Global and Classical Reductions (Abstract). *M.E. Matos, L.B.F. Clauzet, & P. Benevides-Soares.* Vol. 21, 727, 1990
- Benevides-Soares, P.** Global Reduction of Fundamental Astrometric Data: Computation of Star Catalogue (Abstract). *P. Benevides-Soares & L.B.F. Clauzet.* Vol. 12, 447, 1986
- Benevides-Soares, P.** Grain Growth in Collapsing Clouds (Contributed Paper). *S.C.F. Rossi, P. Benevides-Soares, & B. Barbuy.* Vol. 21, 489, 1990
- Benevides-Soares, P.** Group Corrections in Zenith Distance. *L.B.F. Clauzet & P. Benevides-Soares.* Vol. 9, 115, 1984
- Benevides-Soares, P.** Interpolation Functions for Molecular Partition Functions (Contributed Paper). *S.C.F. Rossi, W.J. Maciel, & P. Benevides-Soares.* Vol. 12, 327, 1986
- Benevides-Soares, P.** Pivot Errors (Contributed Paper). *P. Benevides-Soares & R. Teixeira.* Vol. 12, 424, 1986
- Benevides-Soares, P.** Quasi-Statistical Solution of Early Homogeneous Nucleation Phases (Abstract). *S.C.F. Rossi & P. Benevides-Soares.* Vol. 14, 624, 1987
- Benevides-Soares, P.** Reduction of Meridian Observations by the Overlap Method (Contributed Paper). *R. Teixeira, B. Benevides-Soares, Y. Réquière, & M. Rapaport.* Vol. 21, 278, 1990
- Benevides-Soares, P.** Reduction of Meridian Photoelectric Observations at the Bordeaux Observatory (Abstract). *R. Teixeira, P. Benevides-Soares, Y. Réquière, & S. Rousseau.* Vol. 26, 133, 1993
- Benevides-Soares, P.** Representation of Systematic Differences Astrolabe-Catalog (Abstract). *P. Benevides-Soares.* Vol. 14, 454, 1987
- Benevides-Soares, P.** Slow Image Movement (Abstract). *P. Benevides-Soares, R. Teixeira, & Y. Réquière.* Vol. 26, 132, 1993
- Benevides-Soares, P.** Systematic Differences of FK4 in Right Ascension and in Declination Obtained with Astrolabes (Abstract). *R. Boczko & P. Benevides-Soares.* Vol. 21, 712, 1990
- Benjamin, R.A.** The Evolution of the Infrared Spectra of Classical Novae (Invited Paper). *H.L. Dinerstein & R.A. Benjamin.* Vol. 27, 33, 1993
- Benson, J.L.** Measurement of the 0.511 MeV γ -Ray Line from the Galactic Center. *J.O.D. Jardim, J.L. Benson, M.V.A. Jardim, & I.M. Martin.* Vol. 5, 131, 1982

- Benson, P.J.** Dense Cores in Dark Clouds. II. NH₃ Observations and Star Formation (Abstract). *P.C. Myers & P.J. Benson.* Vol. 7, 238, 1983
- Benvenuti, P.** On the Ionization of the Interarm Medium of M33. *P. Benvenuti, S. D'Odorico, & M. Peimbert.* Vol. 2, 3, 1976
- Benvenuto, O.** Evolución de la polarización de la SN 1987A (Abstract). *O. Benvenuto, C. Feinstein, & M. Méndez.* Vol. 26, 113, 1993
- Benvenuto, O.** Optical Study of LMXBs with High Temporal Resolution from CASLEO. Evidence of Non-Thermal Flares from MXB 1735-44 (Abstract). *G. Beskin, S. Neizvestny, V. Plokhotnichenko, M. Popova, A. Zhuravkov, O. Benvenuto, C. Feinstein, & M. Méndez.* Vol. 26, 108, 1993
- Benvenuto, O.G.** Strange Matter, Detonations and SN 1987A (Contributed Paper). *O.G. Benvenuto & J.E. Horvath.* Vol. 21, 331, 1990
- Benvenuto, O.G.** Strange Stars, Neutron Stars and Pulsar Emission (Contributed Paper). *O.G. Benvenuto & J.E. Horvath.* Vol. 21, 325, 1990
- Benz, A.O.** Time Delays between Decimetric Type-III-RD Bursts and Associated Hard X-Rays (Contributed Paper). *H.S. Sawant, C.J.B. Lattari, A.O. Benz, & B.R. Dennis.* Vol. 21, 562, 1990
- Benz, W.** Fragmentation of Elongated Cylindrical Clouds (Contributed Paper). *H. Martel, I. Bonnell, J.-P. Arcoragi, P. Bastien, F. Rouleau, & W. Benz.* Vol. 27, 161, 1993
- Beraldo, N.** New Development of Acousto-Optics in Brazil (Abstract). *E. Scalise Jr., N. Beraldo, J.E.B. Oliveira, W. Serbena, & C.U. Ribeiro.* Vol. 21, 750, 1990
- Beraldo, N.** Observação de masers de metanol (Abstract). *N. Beraldo, & E. Scalise Jr.* Vol. 26, 94, 1993
- Beraldo, N.** The Acousto-Optic Spectrometer of the 2.4 m IAG-USP Radiotelescope (Contributed Paper). *N. Beraldo, E. Scalise Jr., & J.R.D. Lépine.* Vol. 21, 655, 1990
- Bergeron, P.** Composition of the Atmospheres of Cool White Dwarfs (Abstract). *M.T. Ruiz, P. Bergeron, & S.K. Leggett.* Vol. 26, 112, 1993
- Bergmann, T.S.** BV Surface Photometry of the Southern Galaxies NGC 2855 and NGC 4507 (Contributed Paper). *T.S. Bergmann, M.G. Pastoriza, & M.F.S. Schröder.* Vol. 10, 81, 1985
- Bergmann, T. Storchi** Galaxies with Strong Nitrogen Lines (Abstract). *T. Storchi Bergmann & M.G. Pastoriza.* Vol. 14, 106, 1987
- Bergmann, T. Storchi** Strip Photometry of Comet Halley (Contributed Paper). *J.R. Ducati et al.* Vol. 14, 664, 1987
- Bergmann, T. Storchi** BV Surface Photometry of the Southern Galaxies NGC 6769, 6770 and 6771 (Abstract). *T. Storchi Bergmann, M.F. Saraiva Schröder, & M.G. Pastoriza.* Vol. 12, 133, 1986
- Berman, M.S.** A Cosmological Model with Cylindrical Symmetry (Contributed Paper). *F.M. Gomide, M.S. Berman, R.L. Garcia.* Vol. 12, 46, 1986
- Bernal, A.** CAMILA: Infrared Camera/Spectrograph (Contributed Paper). *I. Cruz-González et al.* Vol. 29, 197, 1994
- Bernal, A.** Recent Advances in the Development of the UNAM Scanning Fabry-Perot Interferometer (PUMA) for the Study of the Interstellar Medium (Abstract). *A. Bernal, F. Cobos, F. Garfias, L. Gutiérrez, R. Langarica, M. Rosado, C. Tejada, & S. Tinoco.* Vol. 29, 212, 1994
- Berrington, K.A.** The Opacity Project – Computation of Atomic Data (Contributed Paper). *M.J. Seaton, C.J. Zeippen, J.A. Tully, A.K. Pradhan, C. Mendoza, A. Hibbert, & K.A. Berrington.* Vol. 23, 19, 1992
- Berríos, M.L.** Curvas de luz de los sistemas II Peg y V711 Tau (Abstract). *M.L. Berríos, M. Guzmán, J. Fernández, & M. Maldini.* Vol. 19, 100, 1987
- Berríos S., M.L.** Southern RS CVn Systems *UBVRI* Photometry (Abstract). *M.L. Berríos S., M. Maldini S., J. Fernández L., & S. Char C.* Vol. 26, 107, 1993
- Berríos Salas, M.L.** Variabilidad fotométrica y espectroscópica de estrellas tipo RS CVn (Abstract). *M.L. Berríos Salas, M. Guzmán V., J. Fernández L., & M. Maldini S.* Vol. 22, 307, 1991
- Beskin, G.** Optical Study of LMXBs with High Temporal Resolution from CASLEO. Evidence of Non-Thermal Flares from MXB 1735-44 (Abstract). *G. Beskin, S. Neizvestny, V. Plokhotnichenko, M. Popova, A. Zhuravkov, O. Benvenuto, C. Feinstein, & M. Méndez.* Vol. 26, 108, 1993
- Bettis, C.** On the Spectrophotometric Identification of Late Type Binaries in Open Clusters (Contributed Paper). *C. Bettis & D. Branch.* Vol. 3, 73, 1977
- Bevilacqua, C.M.** Strip Photometry of Comet Halley (Contributed Paper). *J.R. Ducati et al.* Vol. 14, 664, 1987
- Bevilacqua, J. da Silva** First Order Perturbation in the Enceladus-Dione System (Contributed Paper). *J. da Silva Bevilacqua & W. Sessin.* Vol. 14, 627, 1987
- Bica, E.** A Morphological Atlas of LMC and SMC Clusters (Abstract). *E. Bica & H. Dottori.* Vol. 21, 704, 1990

- Bica, E.** Bar Induced Perturbations on the LMC Disk (Abstract). *H. Dottori, E. Bica, J.J. Clariá, & I. Puerari.* Vol. 26, 116, 1993
- Bica, E.** Detection of a Strong Flare in the Variable Seyfert Galaxy NGC 3783 (Abstract). *C. Winge, M.G. Pastoriza, S. Lípari, T. Storchi-Bergmann, H.A. Dottori, Ch. Bonatto, & E. Bica.* Vol. 21, 710, 1990
- Bica, E.** Far Infrared and Optical Properties of a Sample of Seyfert Galaxies (Abstract). *M.G. Pastoriza, C.J. Bonatto, T. Storchi-Bergmann, & E. Bica.* Vol. 26, 124, 1993
- Bica, E.** Near-Infrared Spectral Evolution of Blue LMC Clusters: A Comparison with Galactic Open Clusters (Contributed Paper). *E. Bica, J.F.C. Santos Jr., & D. Alloin.* Vol. 21, 202, 1990
- Bica, E.** New Routes in the Analysis of Composite Stellar Populations (Contributed Paper). *D. Alloin & E. Bica.* Vol. 21, 182, 1990
- Bica, E.** NGC 2209: The Nature of the Dark Patch through the HR Diagram (Contributed Paper). *H.A. Dottori, J. Melnick, & E. Bica.* Vol. 14, 183, 1987
- Bica, E.** Spatial Population Synthesis and Emission Line Analysis of NGC 5253 (Contributed Paper). *M.G. Pastoriza, E. Ludke, & E. Bica.* Vol. 21, 187, 1990
- Bica, E.** Stellar Content in Dumbbell Galaxies (Contributed Paper). *H. Quintana, J.F.C. Santos Jr., H. Dottori, & E. Bica.* Vol. 21, 209, 1990
- Bica, E.** The Central Region of a Sample of Seyfert 2 Galaxies (Contributed Paper). *T. Storchi-Bergmann, E. Bica, & M.G. Pastoriza.* Vol. 21, 213, 1990
- Bieging, J.H.** High Spatial Resolution Observations of Solar Flares at 3.3 mm Wavelength (Abstract). *M.R. Kundu, S.M. White, N. Gopalswamy, & J.H. Bieging.* Vol. 21, 735, 1990
- Binette, L.** A Comparison between Analytic and Numerical Results of a Steady Jet Model. *S. Biro, J. Cantó, A.C. Raga, & L. Binette.* Vol. 25, 95, 1993
- Binette, L.** Effects of Dust Scattering on Interstellar Jet Line Profiles. *N. Calvet, J. Cantó, L. Binette, & A.C. Raga.* Vol. 24, 81, 1992
- Binette, L.** Images and Line Profiles from Nonadiabatic Jet Models. *A.C. Raga, S. Biro, J. Cantó, & L. Binette.* Vol. 22, 243, 1991
- Binette, L.** Massive Stars as Possible Ionizing Mechanism in Seyfert Galaxies (Abstract). *L. Binette & A. Prieto.* Vol. 18, 187, 1989
- Binette, L.** Models of Spatially Resolved Recombination Regions in H-II Objects. *A.C. Raga & L. Binette.* Vol. 22, 265, 1991
- Binette, L.** On the Structure of Steady Stellar Jets: An Analytic Model. *J. Cantó, A.C. Raga, & L. Binette.* Vol. 17, 65, 1989
- Biro, S.** A Comparison between Analytic and Numerical Results of a Steady Jet Model. *S. Biro, J. Cantó, A.C. Raga, & L. Binette.* Vol. 25, 95, 1993
- Biro, S.** Images and Line Profiles from Nonadiabatic Jet Models. *A.C. Raga, S. Biro, J. Cantó, & L. Binette.* Vol. 22, 243, 1991
- Bisiacchi, G.F.** Deposición de un fotocátodo S 11 para uso astronómico (Contributed Paper). *G.F. Bisiacchi & C. Firmani.* Vol. 14, 771, 1987
- Bisiacchi, G.F.** Physical Conditions on the Stream of Cyg X-1 Produced by the X-Ray Flux. *G.F. Bisiacchi, D. Dultzin-Hacyan, C. Firmani, & S. Hacyan.* Vol. 1, 261, 1974
- Bisiacchi, G.F.** Spectral Classification of Early Type Stars. Calibration Using a TV-Vidicon Multichannel System. *G.F. Bisiacchi, C. Firmani, R. Ortega, & R. Peniche.* Vol. 2, 13, 1976
- Bisiacchi, G.F.** Spectral Variations in HD 190002: Evidence of a Companion. *G.F. Bisiacchi, C. Firmani, & E. de Lara.* Vol. 5, 285, 1982
- Bisiacchi, G.F.** Spectral Variations of HD 192163. *G. Koenigsberger, C. Firmani, & G.F. Bisiacchi.* Vol. 5, 45, 1980
- Bisiacchi, G.F.** Spectrophotometry of Northern Wolf-Rayet Stars: A Sample of WN4, WN5, and WN6 Stars (Contributed Paper). *J.F. Barral, G.F. Bisiacchi, C. Firmani, G. Koenigsberger, & J. Wampler.* Vol. 14, 284, 1987
- Bisiacchi, G.F.** Spectroscopic Observations of HD 93521: An O-Type Star of Population II. *G.F. Bisiacchi, L. Carrasco, R. Costero, & C. Firmani.* Vol. 2, 309, 1978
- Bisiacchi, G.F.** Star Formation in Blue Compact Galaxies (Abstract). *C. Firmani & G.F. Bisiacchi.* Vol. 14, 171, 1987
- Bisiacchi, G.F.** The Mepsicron: A New Bidimensional Photon Counting System (Contributed Paper). *C. Firmani, E. Ruiz, J. Bohigas, & G.F. Bisiacchi.* Vol. 12, 379, 1986
- Bitrán, M.** Detection of Pulsars PSR 1133+16 and 2045-16 at Low Radio Frequencies (Contributed Paper). *F. Reyes, T.D. Carr, J.P. Oliver, J. May, M. Bitrán, & J. Aparici.* Vol. 6, 219, 1981

- Bitrán, M.** Preliminary Results of a Galactic Background Survey at 45 MHz (Contributed Paper).
M. Bitrán, J. May, & J. Aparici. Vol. 6, 79, 1981
- Black, J.H.** The Abundance of CH⁺ in Translucent Molecular Clouds: Testing Shock Models (Abstract).
R. Gredel, E.F. van Dishoeck, & J.H. Black. Vol. 26, 95, 1993
- Blaga, C.** On the Initially Circular Motion of an Orbiter in the Oblate, Rotating, Martian Atmosphere.
V. Mioc, E. Radu, & C. Blaga. Vol. 24, 15, 1992
- Blair, W.P.** Searching for Extragalactic Supernova Remnants (Abstract). *R.C. Smith, W.P. Blair,*
R.P. Kirshner, K.S. Long, & P.F. Winkler. Vol. 26, 114, 1993
- Blanco, F.G.** Pulsar: A Balloon-Borne Experiment to Detect Variable Low Energy Gamma-Ray Emissions.
N.A. Buivan, I.M. Martin, F.G. Blanco, & J. Braga. Vol. 9, 85, 1984
- Blanco, V.M.** Carbon Stars (Invited Paper). *V.M. Blanco.* Vol. 19, 25, 1987
- Bland-Hawthorn, J.** Energetic Outflows in Luminous Infrared Galaxies (Contributed Paper). *P.L. Shop-*
bell & J. Bland-Hawthorn. Vol. 27, 191, 1993
- Bland-Hawthorn, J.** Extranuclear X-Ray Heating of Dust in NGC 1068 (Invited Paper). *J. Bland-*
Hawthorn & G.M. Voit. Vol. 27, 73, 1993
- Blomme, R.** Models for Stellar Wind of Early-Type Stars (Contributed Paper). *R. Blomme.*
 Vol. 23, 241, 1992
- Boas, J.S. Vilas** The Temporal Evolution of H₂O Burst from BN-KL (Abstract). *J.S.W. Vilas Boas &*
Z. Abraham. Vol. 21, 728, 1990
- Boas, J.W.S. Vilas** Linear Polarization of the Water Maser in Orion (Contributed Paper). *Z. Abraham*
& J.W.S. Vilas Boas. Vol. 12, 228, 1986
- Boas, J.W.S. Vilas** Observações do cometa de Halley no contínuo de 22 GHz e 44 GHz, e na raia maser
 de vapor de H₂O em 22.2 GHz (Abstract). *Z. Abraham et al.* Vol. 14, 671, 1987
- Boas, J.W.S. Vilas** Physical Parameters in Interstellar Masers (Abstract). *Z. Abraham & J.W.S. Vilas*
Boas. Vol. 26, 93, 1993
- Boczko, R.** Systematic Differences of FK4 in Right Ascension and in Declination Obtained with Astrolabes
 (Abstract). *R. Boczko & P. Benevides-Soares.* Vol. 21, 712, 1990
- Bodenheimer, P.** Collisions of High-Velocity Clouds with a Galactic Disk (Abstract). *G. Tenorio-Tagle,*
P. Bodenheimer, M. Rozyczka, & J. Franco. Vol. 14, 241, 1987
- Bodenheimer, P.** Evolution of H II Regions in Disk-Like Clouds: The Appearance of Neutral High-Velocity
 Outflows (Invited Paper). *J. Franco, G. Tenorio-Tagle, & P. Bodenheimer.* Vol. 18, 65, 1989
- Bodenheimer, P.** The Origin of the Orion and Monoceros Molecular Cloud Complexes (Abstract).
J. Franco, G. Tenorio-Tagle, P. Bodenheimer, M. Rozyczka, & I.F. Mirabel. Vol. 14, 240, 1987
- Bohigas, J.** Erratum: On the Nature of GGD 25. *J. Bohigas.* Vol. 25, 59, 1993
- Bohigas, J.** On the Evolution of H α /N II in Supernova Remnants. *J. Bohigas.* Vol. 5, 271, 1982
- Bohigas, J.** On the Mass Ejected by Supernova Explosions. *J. Bohigas.* Vol. 9, 13, 1984
- Bohigas, J.** On the Nature of GGD 25. *J. Bohigas.* Vol. 24, 121, 1992
- Bohigas, J.** On the Supernova Remnant S8, and other Gaseous Nebulae, in IC 1613. *M. Peimbert,*
J. Bohigas, & S. Torres-Peimbert. Vol. 16, 45, 1988
- Bohigas, J.** Optical Images of the Region around HH1 and HH2 taken with the Mepsicron System.
J. Bohigas, J.M. Torrelles, J. Echevarría, J. Cantó, R. Bohigas, J. Rotational Braking of Late Type
 Main Sequence Stars (Contributed Paper). *J. Bohigas, L. Carrasco, C.A.O. Torres, & G.R. Quast.*
 Vol. 12, 208, 1986
- Bohigas, J.** Spectroscopic Observations of Supernova Remnant Candidates W28, CTB1 and DR4.
J. Bohigas, M.T. Ruiz, L. Carrasco, L. Salas, & M.A. Herrera. Vol. 8, 155, 1983
- Bohigas, J.** The Galactic Thermal Pressure Gradient (Contributed Paper). *J. Bohigas & J. González.*
 Vol. 14, 228, 1987
- Bohigas, J.** The Mepsicron: A New Bidimensional Photon Counting System (Contributed Paper). *C. Fir-*
mani, E. Ruiz, J. Bohigas, & G.F. Bisiacchi. Vol. 12, 379, 1986
- Böhm, K.H.** Optical and UV Observations of Herbig-Haro Objects (Contributed Paper). *K.H. Böhm.*
 Vol. 7, 55, 1983
- Bok, B.J.** Mexican Astronomy, 1930-1950 (Invited Paper). *B.J. Bok.* Vol. 7, 21, 1983
- Bolatto, A.D.** The MACHO Effect of Binaries and Planetary Systems (Abstract). *A.D. Bolatto &*
E.E. Falco. Vol. 26, 116, 1993
- Bonatto, C.** Strip Photometry of Comet Halley (Contributed Paper). *J.R. Ducati et al.*
 Vol. 14, 664, 1987
- Bonatto, C.** Uncertainties on the Calibrations of Absolute Magnitudes (Abstract). *J. Ducati, C. Bonatto,*
J. Guarinos, & B. García. Vol. 21, 721, 1990

- Bonatto, C.J.** Far Infrared and Optical Properties of a Sample of Seyfert Galaxies (Abstract). *M.G. Pastoriza, C.J. Bonatto, T. Storchi-Bergmann, & E. Bica.* Vol. 26, 124, 1993
- Bonatto, Ch.** Detection of a Strong Flare in the Variable Seyfert Galaxy NGC 3783 (Abstract). *C. Winge, M.G. Pastoriza, S. Lípari, T. Storchi-Bergmann, H.A. Dottori, Ch. Bonatto, & E. Bica.* Vol. 21, 710, 1990
- Bonatto, Ch.** Optical Emission in Some Luminous *IRAS* Galaxies (Contributed Paper). *Ch. Bonatto, S. Lípari, & M.G. Pastoriza.* Vol. 21, 207, 1990
- Bonnell, I.** Fragmentation of Elongated Cylindrical Clouds (Contributed Paper). *H. Martel, I. Bouhell, J.-P. Arcoragi, P. Bastien, F. Rouleau, & W. Benz.* Vol. 27, 161, 1993
- Bookmeyer, B.B.** Photoelectric *UBV* Observations of RR Lyrae Variable Stars, Second List. *B.B. Bookmeyer, W.S. Fitch, T.A. Lee, W.Z. Wiśniewski, & H.L. Johnson.* Vol. 2, 235, 1977
- Boraihoff, V.** Radio-observaciones del OH en la coma del cometa Halley desde el hemisferio sur (Abstract). *A.M. Silva et al.* Vol. 14, 670, 1987
- Boscolo, P.** Catálogo preliminar de fontes de infravermelho em 2,2 μm na parte sul do plano galáctico ($260^\circ < l < 360^\circ$, e $|b| < 5^\circ$) (Abstract). *N. Epchtein, P. Turon, Th. Le Bertre, O.T. Matsuura, J.R.D. Lépine, E. Picazzio, P. Marques dos Santos, & P. Boscolo.* Vol. 10, 387, 1985
- Boscolo, P.** MHD Model for Long Distance Coronal Loops (Contributed Paper). *O.T. Matsuura & P. Boscolo.* Vol. 12, 365, 1986
- Boscolo, P.** Progress of the Survey at 2.2 μm on Southern Infrared Sources near the Galactic Plane (Abstract). *N. Epchtein, Th. Le Bertre, O.T. Matsuura, J.R.D. Lépine, E. Picazzio, P. Marques dos Santos, & P. Boscolo.* Vol. 12, 215, 1986
- Bosio, M.A.** Image Processing Software (Contributed Paper). *M.A. Bosio.* Vol. 21, 681, 1990
- Bossi, M.** Spectroscopy and Photometry as a Synergetic Approach to the Study of Stellar Pulsations (Contributed Paper). *M. Bossi, G. Guerrero, L. Mantegazza, E. Poretti, & R. Re.* Vol. 29, 158, 1994
- Bothun, G.** Large Scale Peculiar Motions in the Southern Sky (Abstract). *R.A. Schommer, G. Bothun, & J.R. Mould.* Vol. 22, 304, 1991
- Botti, A.F. Lima** Study of the Galactic Structure Using Different Objects as "Tracers" (Abstract). *A.F. Lima Botti & J.R.D. Lépine.* Vol. 14, 225, 1987
- Botti, L.C.L.** Calibration Methods in Millimeter-Wave Radioastronomy (Contributed Paper). *Z. Abraham, L.C.L. Botti, & L.F. del Ciampo.* Vol. 12, 414, 1986
- Botti, L.C.L.** Correlation between Optical and Radio Variability in 3C273 (Abstract). *L.C.L. Botti & Z. Abraham.* Vol. 21, 710, 1990
- Botti, L.C.L.** Observações do cometa de Halley no contínuo de 22 GHz e 44 GHz, e na raia maser de vapor de H_2O em 22.2 GHz (Abstract). *Z. Abraham et al.* Vol. 14, 671, 1987
- Botti, L.C.L.** The Radiogalaxy Centaurus A (Abstract). *L.C.L. Botti & Z. Abraham.* Vol. 26, 125, 1993
- Botti, L.C. Lima** Low Term Variability of Radiosources in the Frequencies of 22 GHz and 44 GHz (Contributed Paper). *L.C. Lima Botti & Z. Abraham.* Vol. 14, 97, 1987
- Boyle, B.J.** Active Galactic Nuclei and Nuclear Starbursts (Invited Paper). *R.J. Terlevich, G. Tenorio-Tagle, J. Franco, M. Rózyczka, & B.J. Boyle.* Vol. 27, 59, 1993
- Bozkurt, S.** *UBV* Photometry of Southern Open Cluster NGC 5822. *S. Bozkurt.* Vol. 1, 89, 1974
- Braga, J.** A Balloon-Borne Imaging Telescope for High Energy Astrophysics (Abstract). *T. Villela, J. Braga, F. D'Amico, & J.A. Neri.* Vol. 26, 135, 1993
- Braga, J.** Calibration and Performance of the Hard X-Ray Imaging Telescope *TIMAX* (Abstract). *J. Braga, F. D'Amico, T. Villela, J.A. Neri, A.M.R. Alves, & E.R. Silva.* Vol. 26, 133, 1993
- Braga, J.** Hard X-Ray Arcmin Imaging with the *EXITE* Telescope (Contributed Paper). *J. Braga, C.E. Covault, R. Manandhar, & J.E. Grindlay.* Vol. 21, 633, 1990
- Braga, J.** Pulsar: A Balloon-Borne Experiment to Detect Variable Low Energy Gamma-Ray Emissions. *N.A. Buivan, I.M. Martin, F.G. Blanco, & J. Braga.* Vol. 9, 85, 1984
- Braga, J.** Rapid Optical Variability of the X-Ray pulsator GX 1+4 (Abstract). *J. Braga, F.F. Jablonski, F. Elizalde, & J.E. Steiner.* Vol. 26, 113, 1993
- Branch, D.** On the Spectrophotometric Identification of Late Type Binaries in Open Clusters (Contributed Paper). *C. Bettis & D. Branch.* Vol. 3, 73, 1977
- Branch, D.** Type Ia Supernovae, the Hubble Constant, and Prospects for the Deceleration Parameter (Abstract). *D. Branch.* Vol. 27, 83, 1993
- Brandi, E.** An Analysis of the Massive Binary HD 47129 in the Ultraviolet (Abstract). *J. Sahade & E. Brandi.* Vol. 21, 717, 1990
- Brandi, E.** Line Structures in the *IUE* Spectra of γ_2 Velorum (Abstract). *E. Brandi, O.E. Ferrer, & J. Sahade.* Vol. 14, 300, 1987

- Brandi, E.** The *IUE* Spectrum of AX Monocerotis (Contributed Paper). *J. Sahade & E. Brandi*. Vol. 10, 229, 1985
- Brandi, E.** Variations in the Ultraviolet Spectrum of the Symbiotic Star Z Andromedae (Contributed Paper). *J. Sahade, E. Brandi, & J.M. Fontenla*. Vol. 6, 201, 1981
- Branham Jr., R.L.** Equator and Equinox Determinations from Simulated Planetary Observations (Contributed Paper). *R.L. Branham Jr.* Vol. 10, 349, 1985
- Braun, R.** High Resolution Radio Observations of the Supernova Remnant Puppis A (Abstract). *G. Dubner, M. Arnal, F. Winkler, R. Braun, & M. Goss*. Vol. 21, 734, 1990
- Bravo, H.** Effective Temperatures for Supergiant Stars from 13-C Photometry (Abstract). *H. Bravo, A. Arellano Ferro, & W. Schuster*. Vol. 29, 215, 1994
- Bravo, H.** *uvby-β* Photometry of Open Clusters. II. NGC 1342. *J.H. Peña, R. Peniche, H. Bravo, & O. Yam*. Vol. 28, 7, 1994
- Bravo, S.** Actividad de los hoyos coronales solares de baja latitud (Contributed Paper). *S. Bravo, B. Men-doza, R. Pérez-Enríquez & J. Valdés-Galicia*. Vol. 14, 688, 1987
- Bravo, S.** Coronal Mass Ejections Associated with Interplanetary Shocks and their Relation to Coronal Holes. *S. Bravo & R. Pérez-Enríquez*. Vol. 28, 17, 1994
- Bravo, S.** Physical Properties of the Skylab North Polar Coronal Hole with an Extended Base and its MHD Self-Consistent Modelling. *S. Bravo & G. Ocaña*. Vol. 22, 181, 1991
- Bravo Alfaro, H.** The Temperature Scale for A-G Supergiants from 13-Color Photometry (Abstract). *H. Bravo Alfaro, A. Arellano Ferro, & W.J. Schuster*. Vol. 26, 100, 1993
- Braz, M.A.** An Optically-Thin, Strong Magnetic Field Model for the Energy Distribution and Time-Variability of Blazars (Contributed Paper). *J.R.D. Lépine, M.A. Braz, & N. Epchtein*. Vol. 12, 53, 1986
- Braz, M. Alcina** Detection of Two New Water Vapor Emission Sources in the Southern Hemisphere (Contributed Paper). *M. Alcina Braz*. Vol. 6, 273, 1981
- Breger, M.** The Light Curves of the Delta-Scuti Stars HR 1170 and HR 7563. *J. Warman, Z. Malacara, & M. Breger*. Vol. 1, 143, 1974
- Brieva B., E.** Búsqueda de sitio para una estación astrofísica en Colombia: resultados preliminares (Contributed Paper). *E. Brieva B.* Vol. 10, 397, 1985
- Briot, D.** Study of Interstellar Absorption of Be Stars (Contributed Paper). *J. Zorec & D. Briot*. Vol. 10, 209, 1985
- Briot, D.** Visible and Ultraviolet Fluxes of Be Stars in Terms of the Emission in the Balmer Lines (Contributed Paper). *J. Zorec & D. Briot*. Vol. 10, 317, 1985
- Broadfoot, A.L.** *UVSTAR*, a Spectrographic Telescope for the Shuttle Hitchhiker-M Bridge (Abstract). *R. Stalio, B.R. Sandel, A.L. Broadfoot, & M. Chávez*. Vol. 29, 214, 1994
- Bronfman, L.** Molecular Clouds in the Outer Southern Galaxy (Abstract). *J. May, H. Alvarez, & L. Bronfman*. Vol. 26, 117, 1993
- Bronfman, L.** The Largest Molecular Complexes in the Southern Galaxy (Contributed Paper). *L. Bronfman*. Vol. 21, 411, 1990
- Bronfman, L.** Young Massive Stars in the Galactic Disk (Abstract). *L. Bronfman*. Vol. 26, 94, 1993
- Brosche, P.** Results from a First Astrometric Test of the 2.12-m Telescope of the Mexican National Astronomical Observatory at San Pedro Mártir. *P. Brosche & M. Geffert*. Vol. 8, 139, 1983
- Brotherton, M.S.** A New Interpretation of Broad Emission Line Widths in High Luminosity AGNs (Abstract). *M.S. Brotherton & B.J. Wills*. Vol. 27, 223, 1993
- Brotherton, M.S.** McDonald Observatory – *Hubble Space Telescope* Spectroscopy of the Narrow Line Region of High Luminosity Active Galactic Nuclei (Abstract). *B.J. Wills, H. Netzer, M.S. Brotherton, M. Han, D. Wills, J.A. Baldwin, G.J. Ferland, & I.W.A. Browne*. Vol. 27, 225, 1993
- Brown, A.** Chromospheric Structure and Energy Balance of T Tauri Stars (Abstract). *A. Brown*. Vol. 7, 200, 1983
- Brown, A.** Coordinated *IUE* and Ground-Based Observations of Stellar Flares; YZ CMi, Proxima Cen and AD Leo (Abstract). *B.H. Foing et al.* Vol. 12, 213, 1986
- Brown, L.** ^{26}Al Production in AGB Stars and 1.809 MeV Line Emission in the Galaxy (Contributed Paper). *G. Bazán, L. Brown, D. Clayton, & J. Truran*. Vol. 27, 87, 1993
- Browne, I.W.A.** McDonald Observatory – *Hubble Space Telescope* Spectroscopy of the Narrow Line Region of High Luminosity Active Galactic Nuclei (Abstract). *B.J. Wills, H. Netzer, M.S. Brotherton, M. Han, D. Wills, J.A. Baldwin, G.J. Ferland, & I.W.A. Browne*. Vol. 27, 225, 1993
- Bruch, A.** The 1992 Outburst of the SU UMa-Type Dwarf Nova HV Virginis (Abstract). *E.M. Leibowitz, H. Mendelson, A. Bruch, H.W. Duerbeck, W.C. Seitter, & G.A. Richter*. Vol. 26, 114, 1993

- Brugel, E.W.** The Ultraviolet Spectrum of Herbig-Haro Object 2H (Abstract). *E.W. Brugel, J.M. Shull, & C.G. Seab.* Vol. 7, 120, 1983
- Brunini, A.** Dynamical Study of the Galactic Influence on the A(orig) Distribution of the Long Period Comets (Abstract). *A. Brunini.* Vol. 21, 597, 1990
- Brunini, A.** On the Determination of Perturbations in Planetary Motions (Contributed Paper). *A. Brunini.* Vol. 21, 581, 1990
- Bruzual, G.** Is There any Evidence of Evolution in the Color Distribution of Galaxies from $J = 13$ to $J = 24$ Magnitude? (Abstract). *G. Bruzual.* Vol. 14, 169, 1987
- Bruzual, G.** Prefacio (II Reunión Regional Latinoamericana de la UAI). *G. Bruzual, F. Fuenmayor, M. Peimbert & J.F. Rayo.* Vol. 6, 8, 1981
- Bruzual A., G.** Advances in Stellar Population Synthesis (Abstract). *G. Bruzual A.* Vol. 26, 126, 1993
- Bruzual A., G.** Effects of Interstellar Dust on the Photometric Properties of Faint Disks Galaxies (Abstract). *G. Bruzual A. & G. Magris C.* Vol. 12, 159, 1986
- Bruzual A., G.** Internal Extinction in Spiral Galaxies. Inclination Dependence (Abstract). *G. Magris C. & G. Bruzual A.* Vol. 14, 156, 1987
- Bruzual A., G.** Mesa redonda. Perspectivas de la astronomía en Latinoamérica ante los problemas económicos de la región. *A. Poveda, J. Sahade, S.M. Viegas-Aldrovandi, J. Maza, M.T. Ruiz, M. Peimbert, & G. Bruzual A.* Vol. 14, 20, 1987
- Bruzual A., G.** On the Source of Ly- α Photons in Ly- α Galaxies (Abstract). *G. Bruzual A., G. Magris C., & N. Calvet.* Vol. 21, 705, 1990
- Bruzual A., G.** Population Synthesis Analysis of the UV Spectrum of Elliptical Galaxies (Abstract). *G. Magris C. & G. Bruzual A.* Vol. 26, 129, 1993
- Bruzual A., G.** Spectral Evolution of Galaxies. II. An Atlas of IUE Spectra of Late Type Stars and Nearby Early Type Stellar Systems. *G. Bruzual A.* Vol. 8, 29, 1983
- Bruzual A., G.** Spectral Evolution of Galaxies. IV. A Catalogue of Theoretical Predictions of Cosmological Interest. *G. Bruzual A.* Vol. 8, 63, 1983
- Bruzual A., G.** Spectral Evolution of Galaxies: Current Views (Invited Paper). *G. Bruzual A.* Vol. 10, 55, 1985
- Bruzual A., G.** The Effects of Interstellar Dust on the Spectrum of Disk Galaxies (Abstract). *G. Magris C. & G. Bruzual A.* Vol. 12, 160, 1986
- Bruzual A., G.** The Spectrum of the Extragalactic Background Light (Contributed Paper). *G. Bruzual A.* Vol. 6, 19, 1981
- Buivan, N.A.** "Boomerang" Balloon Flights for Astronomical Observations (Abstract). *N.A. Buivan, I.M. Martin, & A. Turtelli Jr.* Vol. 21, 749, 1990
- Buivan, N.A.** Coded Mask Techniques for X-Ray Astronomical Observations (Abstract). *N.A. Buivan, I.M. Martin, A. Turtelli Jr., & D.A. Quintão.* Vol. 21, 752, 1990
- Buivan, N.A.** Possible Sky Survey of Ultra High Energy Gamma-Ray Sources in the Southern Hemisphere (Abstract). *N.A. Buivan & I.M. Martin.* Vol. 21, 750, 1990
- Buivan, N.A.** Pulsar: A Balloon-Borne Experiment to Detect Variable Low Energy Gamma-Ray Emissions. *N.A. Buivan, I.M. Martin, F.G. Blanco, & J. Braga.* Vol. 9, 85, 1984
- Bulka, P.** Espectroscopía del cometa Halley (Abstract). *O. Naranjo, F. Fuenmayor, I. Ferrín, P. Bulka, & C. Mendoza.* Vol. 14, 668, 1987
- Bulka, P.** Procesamiento digital de imágenes del cometa Halley (Abstract). *I. Ferrín, F. Fuenmayor, O. Naranjo, P. Bulka, & C. Mendoza.* Vol. 14, 669, 1987
- Bulka, P.H.** Morphology of Low-Resolution Spectra of Late-Type Stars in the Near-Infrared (Abstract). *F.J. Fuenmayor & P.H. Bulka.* Vol. 12, 225, 1986
- Burbidge, G.** Continuity in the Violent Phenomena taking Place in the Nuclei of Galaxies and QSOs (Invited Paper) (Abstract). *G. Burbidge.* Vol. 14, 81, 1987
- Burke, B.F.** A Search for High-Velocity Water Masers in Regions of Star Formation. *J.A. García-Barreto, L.F. Rodríguez, J.M. Moran, & B.F. Burke.* Vol. 5, 87, 1981
- Busko, I.C.** G1 425, a Slowly Rotating BY Dra-Type Star (Contributed Paper). *C.A.O. Torres, I.C. Busko, & G.R. Quast.* Vol. 10, 329, 1985
- Busko, I.C.** High Resolution Spectroscopy of Southern Seyfert Galaxies (Contributed Paper). *I.C. Busko & J.E. Steiner.* Vol. 12, 157, 1986
- Busko, I.C.** RED2D - A Reduction Package for CCD Spectra (Abstract). *M.P. Diaz & I.C. Busko.* Vol. 21, 751, 1990
- Busnardo-Neto, J.** Current Generation in Extragalactic Jets by MHDWaves (Contributed Paper). *L.C. Jafelice, R. Opher, A.S. de Assis, & J. Busnardo-Neto.* Vol. 21, 145, 1990

- Butler, C.J.** Coordinated *IUE* and Ground-Based Observations of Stellar Flares; YZ CMi, Proxima Cen and AD Leo (Abstract). *B.H. Foing et al.* Vol. 12, 213, 1986
- Byrne, P.B.** Coordinated *IUE* and Ground-Based Observations of Stellar Flares; YZ CMi, Proxima Cen and AD Leo (Abstract). *B.H. Foing et al.* Vol. 12, 213, 1986
- Byrne, P.B.** FK Aqr: A Laboratory for Studying Differential Rotation (Abstract). *P.B. Byrne, G.R. Quast, & C.A.O. Torres.* Vol. 21, 719, 1990

- Cabrera, A.** The Total Lunar Eclipse of May 24-25, 1975. *A. Feinstein, J.C. Forte, & A. Cabrera.* Vol. 1, 351, 1976
- Caldeira, J.F.** 262 Positions of Asteroids and their Dependences - ESO, La Silla, Chile, February 10-25, 1985
H. Debehogne, L.E. Machado, E.R. Netto, G.G. Vieira, J.F. Caldeira, & S. Vaz. Vol. 13, 161, 1986
- Caldeira, J.F.** 363 Precise Positions of Asteroids. *H. Debehogne, L.E. Machado, J.F. Caldeira, E.R. Netto, & G.G. Vieira.* Vol. 8, 19, 1983
- Caldeira, J.F.** Observação de asteróides na estación de altura "El Leoncito", Observatorio Astronómico, "Félix Aguilar", San Juan, Argentina Julho-1983. *J.F. Caldeira, L.E. Machado, E.R. Netto, G.G. Vieira, & H. Debehogne.* Vol. 9, 91, 1984
- Caldeira, J.F.** Observed Asteroids at the GPO, La Silla, Chile, September 1983. *H. Debehogne, E.R. Netto, J.F. Caldeira, L.E. Machado, & G.G. Vieira.* Vol. 11, 43, 1985
- Calderón, J.H.** Corrimiento al rojo de galaxias australes (Abstract). *J.H. Calderón, P.S. Pellegrini, C. Willmer, & L.N. da Costa.* Vol. 22, 304, 1991
- Calderón, J.H.** Dispersion de velocidades en galaxias elípticas (Abstract). *J.H. Calderón, M.V. Alonso, P.S. Pellegrini, & S. Paolantonio.* Vol. 22, 304, 1991
- Calvet, N.** Accurate Positions for Young Objects: NGC 7000 and IC 5070. *F. Della Prugna, N. Calvet, & Ma. del C. Araque.* Vol. 9, 31, 1984
- Calvet, N.** Bipolar Nebulae and Type I Planetary Nebulae. *N. Calvet & M. Peimbert.* Vol. 5, 319, 1982
- Calvet, N.** Boundary Layers Around T Tauri Stars (Abstract). *P. D'Alessio, J. Cantó, S. Lizano, & N. Calvet.* Vol. 29, 209, 1994
- Calvet, N.** Circumstellar Environment of T Tauri Stars (Invited Paper). *N. Calvet.* Vol. 18, 37, 1989
- Calvet, N.** Comments on the He I Ionization in T Tauri Stars. *N. Calvet.* Vol. 9, 49, 1984
- Calvet, N.** Dependence of the Continuum Energy Distribution of T Tauri Stars on the Location of the Temperature Minimum (Contributed Paper). *N. Calvet.* Vol. 6, 227, 1981
- Calvet, N.** Effects of Dust Scattering on Interstellar Jet Line Profiles. *N. Calvet, J. Cantó, L. Binette, & A.C. Raga.* Vol. 24, 81, 1992
- Calvet, N.** Energy Sources of T Tauri Stars. *N. Calvet & J. Albarrán.* Vol. 9, 35, 1984
- Calvet, N.** Irradiation of Accretion Disks around Young Objects. II. Continuum Energy Distribution. *N. Calvet, G. Magris C., A. Patiño, & P. D'Alessio.* Vol. 24, 27, 1992
- Calvet, N.** Models for the Atmospheres of T Tauri Stars (Review Paper) (Contributed Paper). *N. Calvet.* Vol. 7, 169, 1983
- Calvet, N.** On the Source of Ly- α Photons in Ly- α Galaxies (Abstract). *G. Bruzual A., G. Magris C., & N. Calvet.* Vol. 21, 705, 1990
- Calvet, N.** [O I] in the Envelopes of T Tauri Stars (Abstract). *P. D'Alessio & N. Calvet.* Vol. 18, 181, 1989
- Calvet, N.** Opacity Problems in Accretion Disks around Young Stellar Objects (Contributed Paper). *N. Calvet.* Vol. 23, 235, 1992
- Calvet, N.** The Emergence of Stellar Activity: T Tauri Stars (Contributed Paper). *N. Calvet.* Vol. 12, 217, 1986
- Calvet, N.** The Optical Companion to UX Tau A (Research Note). *F. Della Prugna, N. Calvet, & G. Sánchez.* Vol. 24, 109, 1992
- Calvet, N.** The Photosphere of T Tauri Stars (Contributed Paper). *N. Calvet & Z. Marín.* Vol. 14, 353, 1987
- Calvet, N.** Winds of T Tauri Stars (Abstract). *N. Calvet, L. Hartmann, E.H. Avrett, & R. Loeser.* Vol. 18, 180, 1989
- Calvet, N.** Winds of T Tauri Stars (Abstract). *N. Calvet & L. Hartmann.* Vol. 21, 726, 1990
- Cameron, M.** Molecular Gas in Centaurus A. The ^{12}CO J=2-1 Map (Abstract). *W. Wild, M. Cameron, A. Eckart, R. Genzel, H. Rothermel, G. Rydbeck, & T. Wiklind.* Vol. 26, 98, 1993