

AUTHOR INDEX

- Abraham, Z.** Dust Formation Events in Colliding Winds: An Application to Eta Car. *D. Falceta-Gonçalves, V. Jatenco-Pereira, & Z. Abraham.* 71
- Ambrocio-Cruz P.** The Supernova Remnant 3C 400.2: Kinematics of its Ionized Gas and Theoretical Results. *P. Ambrocio-Cruz, E. de la Fuente, M. Rosado, & P. Velázquez.* 273
- Ambrocio-Cruz, P.** Planetary Nebulae, Bubbles, and Superbubbles: What Can We Learn From Their Kinematics? (Invited Talk). *M. Rosado, L. Arias, M. Valdez-Gutiérrez, & P. Ambrocio-Cruz.* 275
- Andrade, M.** Orbital Dynamics Analysis of Binary Systems in Mass-Loss Scenarios. *M. Andrade & J. A. Docobo.* 223
- Anglada, G.** An Enigmatic, Expanding, Spherical Bubble Ejected from a Young Stellar Object. *J. M. Torrelles, N. A. Patel, J. F. Gómez, P. T. P. Ho, L. F. Rodríguez, G. Anglada, G. Garay, S. Curiel, & J. Cantó.* 100
- Anglada, G.** Modeling the Dust and Ammonia Emission in the G 31.41+0.31 Hot Molecular Core. *M. Osorio, G. Anglada, S. Lizano, & P. D’Alessio.* 204
- Anglada, G.** Radio Observations of Disks and Jets in Young, Close Binary Systems. *G. Anglada, L. F. Rodríguez, J. M. Torrelles, R. Estalella, M. T. Beltrán, & P. T. P. Ho.* 97
- Anglada, G.** The Dusty Envelope of L 723 at Sub-mm Wavelengths. *R. Estalella, A. Palau, J. M. Girart, M. T. Beltrán, G. Anglada, & P. T. P. Ho.* 135
- Anglada, G.** The Transverse Velocity Structure of HH Jets. *A. Riera, R. López, A. C. Raga, R. Estalella, & G. Anglada.* 145
- Araújo, F. X.** Massive Stars in Transition: Spectroscopic Analysis of HR Carinae. *M. Machado, F. X. de Araújo, & C. B. Pereira.* 77
- Arce, H. G.** The Impact of Giant Stellar Outflows on their Clouds. *H. G. Arce.* 123
- Arceo, R.** Radio Detection of the Exciting Sources of Shell H II Regions in NGC 6334. *L. F. Rodríguez, P. Carral, S. E. Kurtz, K. Menten, J. Cantó, & R. Arceo.* 194
- Ardeljan, N. V.** Supernova Type II: Magnetorotational Explosion. *S. G. Moiseenko, N. V. Ardeljan, & G. S. Bisnovatyi-Kogan.* 231
- Aretxaga, I.** Line Formation in the Inner Starburst Regions of AGN (Invited Talk). *I. Aretxaga.* 329
- Arias, L.** Planetary Nebulae, Bubbles, and Superbubbles: What Can We Learn From Their Kinematics? (Invited Talk). *M. Rosado, L. Arias, M. Valdez-Gutiérrez, & P. Ambrocio-Cruz.* 275
- Armsdorfer, B.** V838 Mon: A New Type of Eruptive Variable?. *S. Kimeswenger, C. Lederle, S. Schmeja, & B. Armsdorfer.* 76
- Arnal, E. M.** HD 192281 and HD 10125: A Study of their Local ISM using Radio and Infrared Data. *E. M. Arnal, S. Cichowski, C. Cappa, S. Pineault, & N. St-Louis.* 200
- Arthur, S. J.** Preface. *S. J. Arthur & W. J. Henney.* xi
- Ayala, S.** An Optical Spectroscopic Study of HH 110: a Turbulent Mixing Layer?. *S. Ayala, A. C. Raga, & S. Curiel.* 134
- Bacciotti, F.** Generating YSO Jets: What the *HST* Has to Tell Us (Invited Talk). *T. P. Ray & F. Bacciotti.* 106
- Bacciotti, F.** The “Ghost Shell”: Discovery of the Forward Shock from Colliding Winds about Eta Carinae. *B. N. Dorland, D. G. Currie, A. Kaufer, & F. Bacciotti.* 70
- Balick, B.** Knots in Planetary Nebulae (Invited Talk). *C. R. O’Dell, B. Balick, A. R. Hajian, W. J. Henney, & A. Burkert.* 29
- Ballet, J.** X-ray Observations of Supernova Remnants (Invited Talk). *J. Ballet.* 237
- Beckman, J. E.** Observations of Massive Supersonic Outflows in Highly Luminous H II Regions. *M. Relaño, J. E. Beckman, M. Rozas, & A. Zurita.* 205
- Beckman, J. E.** Physical Scenarios for Supersonic Gas Flows Observed in H II Regions. *M. Relaño, J. E. Beckman, & J. E. Dyson.* 281
- Beltrán, M. T.** Radio Observations of Disks and Jets in Young, Close Binary Systems. *G. Anglada, L. F. Rodríguez, J. M. Torrelles, R. Estalella, M. T. Beltrán, & P. T. P. Ho.* 97
- Beltrán, M. T.** The Dusty Envelope of L 723 at Sub-mm Wavelengths. *R. Estalella, A. Palau, J. M. Girart, M. T. Beltrán, G. Anglada, & P. T. P. Ho.* 135
- Bianchi, L.** Properties of Galactic and MC CSPN disclosed by Far-Ultraviolet Spectroscopy. *J. Herald & L. Bianchi.* 73
- Bianchi, L.** The Winds of O-Type Stars: Ionization Structure and Revised Stellar Parameters from Far-UV Spectra. *L. Bianchi, M. Garcia, & J. Herald.* 226
- Bicknell, R. S.** The Dynamical Evolution of Narrow Line Regions (Invited Talk). *M. A. Dopita, G. V. Bicknell, R. S. Sutherland, & C. J. Saxton.* 323

- Bieging, J. H.** Observations of Small-Scale Structure in AGB Star Winds: Precursors of Neutral Globules in PNe?. *J. H. Bieging.* 68
- Billar, B.** Observational Evidence for Triggered Star Formation on Scales of 1 to 300 pc. *S. T. Megeath, B. Billar, T. M. Dame, E. L. Leass, R. Whitaker, & T. L. Wilson.* 151
- Binette, L.** Temperature and Density Gradients in the Orion Nebula. *L. Binette, D. I. González-Gómez, & Y. D. Mayya.* 181
- Bisnovatyi-Kogan, G. S.** Supernova Type II: Magnetorotational Explosion. *S. G. Moiseenko, N. V. Ardeljan, & G. S. Bisnovatyi-Kogan.* 231
- Blair, W. P.** *FUSE* Observations of the Cygnus Loop: Probing Shock-Cloud Interactions. *R. Sankrit & W. P. Blair.* 249
- Bohigas, J.** Young Stellar Objects in Gy 2-18 (IRAS 05439+3035). *P. Persi, V. F. Polcaro, M. Tapia, & J. Bohigas.* 143
- Breitschwerdt, D.** First High-Resolution Simulations of the Local Bubble. *M. A. de Avillez & D. Breitschwerdt.* 299
- Breitschwerdt, D.** Observation and Modeling of Starburst-Driven Galactic Winds: A Review in Honor of John Dyson (Invited Talk). *D. Breitschwerdt.* 311
- Brooks, K. J.** Detection of a Collimated Jet towards a High-Mass Protostar. *K. J. Brooks, G. Garay, D. Mardones, & R. P. Norris.* 154
- Broos, P. S.** *Chandra* Observations of M17, the Omega Nebula. *L. Townsley, P. Broos, Y.-H. Chu, E. Feigelson, G. Garmire, K. Getman, & T. Montmerle.* 190
- Bryce, M.** The Connection between the Vela Supernova Remnant, the Optical Nebula RCW 37, and the Young X-Ray Supernova Remnant RX J0852.0–4622. *M. P. Redman, J. Meaburn, M. Bryce, D. J. Harman, & T. J. O'Brien.* 270
- Buckley, P.** Cometary Compact H II Regions. *M. G. Hoare, S. L. Lumsden, A. L. Busfield, & P. Buckley.* 172
- Burkert, A.** Knots in Planetary Nebulae (Invited Talk). *C. R. O'Dell, B. Balick, A. R. Hajian, W. J. Henney, & A. Burkert.* 29
- Busfield, A. L.** Cometary Compact H II Regions. *M. G. Hoare, S. L. Lumsden, A. L. Busfield, & P. Buckley.* 172
- Cabrit, S.** Jet-Accelerated Molecular Outflows: The Mass-Velocity and Intensity-Velocity Relations. *T. P. Downes & S. Cabrit.* 120
- Calvet, N.** Modeling the Dust Emission of the L1551 IRS5 Binary System at Different Scales. *M. Osorio, P. D'Alessio, J. Muzerolle, N. Calvet, & L. Hartmann.* 142
- Calvet, N.** Spatial Distribution of H₂ Fluorescence in the Inner 2'' × 2'' Around T Tau. *J. Saucedo, N. Calvet, L. Hartmann, & J. C. Raymond.* 146
- Cantó, J.** An Enigmatic, Expanding, Spherical Bubble Ejected from a Young Stellar Object. *J. M. Torrelles, N. A. Patel, J. F. Gómez, P. T. P. Ho, L. F. Rodríguez, G. Anglada, G. Garay, S. Curiel, & J. Cantó.* 100
- Cantó, J.** Champagne Flows and Winds in H II Regions (Invited Talk). *S. Lizano, D. Galli, F. Shu, & J. Cantó.* 166
- Cantó, J.** Evidence for Time Evolution in the Exciting Source of the Expanding Water Maser Bubble in Cepheus A. *A. Porras, L. F. Rodríguez, J. Cantó, S. Curiel, & J. M. Torrelles.* 144
- Cantó, J.** Modeling the Building Blocks of Water Masers in Cepheus A. *L. Uscanga, J. Cantó, S. Curiel, J. M. Torrelles, & L. F. Rodríguez.* 147
- Cantó, J.** Radio Detection of the Exciting Sources of Shell H II Regions in NGC 6334. *L. F. Rodríguez, P. Carral, S. E. Kurtz, K. Menten, J. Cantó, & R. Arceo.* 194
- Caplan, J.** Sequential Formation of Massive Stars at the Periphery of H II Regions. *L. Deharvens, A. Zavagno, J. Caplan, B. Lefloch, L. Salas, A. Porras, & I. Cruz-González.* 160
- Cappa, C.** HD 192281 and HD 10125: A Study of their Local ISM using Radio and Infrared Data. *E. M. Arnal, S. Cichowolski, C. Cappa, S. Pineault, & N. St-Louis.* 200
- Cappa, C.** Neutral Gas Bubbles Surrounding Southern Optical Ring Nebulae: Anon(WR 23) and RCW 52. *C. Cappa, V. S. Niemela, & N. M. McClure-Griffiths.* 47
- Carral, P.** Radio Detection of the Exciting Sources of Shell H II Regions in NGC 6334. *L. F. Rodríguez, P. Carral, S. E. Kurtz, K. Menten, J. Cantó, & R. Arceo.* 194
- Cho, J.** Compressible MHD Turbulence: Mode Coupling, Anisotropies, and Scalings. *J. Cho & A. Lazarian.* 293
- Chu, Y.-H.** An Inside-Out View of Bubbles (Invited Talk). *Y.-H. Chu, R. A. Gruendl, & M. A. Guerrero.* 62
- Chu, Y.-H.** *Chandra* Observations of M17, the Omega Nebula. *L. Townsley, P. Broos, Y.-H. Chu, E. Feigelson, G. Garmire, K. Getman, & T. Montmerle.* 190
- Cichowolski, S.** HD 192281 and HD 10125: A Study of their Local ISM using Radio and Infrared Data. *E. M. Arnal, S. Cichowolski, C. Cappa, S. Pineault, & N. St-Louis.* 200
- Claussen, M.** Dynamics of the Molecular Jets in the Archetypical Preplanetary Nebula, IRAS 16342–3814. *M. R. Morris, R. Sahai, & M. Claussen.* 20
- Coker, R.** Radio emission models of Colliding-Wind Binaries. *S. M. Dougherty, J. M. Pittard, R. Coker, P. M. Williams, L. Kasian, & H. M. Lloyd.* 56
- Contreras, M. E.** Structure and Behavior of Ionized Stellar Winds. *M. E. Contreras & L. F. Rodríguez.*

- 227
- Corcoran, M. F.** The Wind Properties of Eta Carinae. *J. M. Pittard & M. F. Corcoran.* 81
- Cruz-González, I.** Sequential Formation of Massive Stars at the Periphery of H II Regions. *L. Deharveng, A. Zavagno, J. Caplan, B. Lefloch, L. Salas, A. Porras, & I. Cruz-González.* 160
- Curiel, S.** A Study of the Variability of Water Maser Emission in a Sample of YSOs. *M. A. Trinidad, S. Curiel, V. Rojas, J. C. Plascencia, D. González, R. González, L. Uscanga, & V. Forero.* 208
- Curiel, S.** An Enigmatic, Expanding, Spherical Bubble Ejected from a Young Stellar Object. *J. M. Torrelles, N. A. Patel, J. F. Gómez, P. T. P. Ho, L. F. Rodríguez, G. Anglada, G. Garay, S. Curiel, & J. Cantó.* 100
- Curiel, S.** An Optical Spectroscopic Study of HH 110: a Turbulent Mixing Layer?. *S. Ayala, A. C. Raga, & S. Curiel.* 134
- Curiel, S.** Evidence for Time Evolution in the Exciting Source of the Expanding Water Maser Bubble in Cepheus A. *A. Porras, L. F. Rodríguez, J. Cantó, S. Curiel, & J. M. Torrelles.* 144
- Curiel, S.** Modeling the Building Blocks of Water Masers in Cepheus A. *L. Uscanga, J. Cantó, S. Curiel, J. M. Torrelles, & L. F. Rodríguez.* 147
- Currie, D. G.** Eta Carinae: Bullet Streams and Colliding Wind Shocks. *D. G. Currie.* 59
- Currie, D. G.** The “Ghost Shell”: Discovery of the Forward Shock from Colliding Winds about Eta Carinae. *B. N. Dorland, D. G. Currie, A. Kaufer, & F. Bacciotti.* 70
- D’Alessio, P.** Modeling the Dust Emission of the L 1551 IRS 5 Binary System at Different Scales. *M. Osorio, P. D’Alessio, J. Muzerolle, N. Calvet, & L. Hartmann.* 142
- D’Alessio, P.** Modeling the Dust and Ammonia Emission in the G 31.41+0.31 Hot Molecular Core. *M. Osorio, G. Anglada, S. Lizano, & P. D’Alessio.* 204
- Da Rocha, D.** On the Morphogenesis of Planetary Nebulae. *D. Da Rocha & L. Nottale.* 69
- Dame, T. M.** Observational Evidence for Triggered Star Formation on Scales of 1 to 300 pc. *S. T. Megeath, B. Biller, T. M. Dame, E. L. Leass, R. Whitaker, & T. L. Wilson.* 151
- de Avillez, M. A.** First High-Resolution Simulations of the Local Bubble. *M. A. de Avillez & D. Breitschwerdt.* 299
- de Avillez, M. A.** Mixing in a Supernova-Driven ISM: A 3-D Parameter Study. *M. A. de Avillez & M.-M. Mac Low.* 290
- de Gouveia Dal Pino, E. M.** Entrainment in Herbig-Haro Objects (Invited Talk). *A. C. Raga, P. F. Velázquez, E. M. de Gouveia Dal Pino, A. Noriega-Crespo, & P. Mininni.* 115
- de la Fuente, E.** The Supernova Remnant 3C 400.2: Kinematics of its Ionized Gas and Theoretical Results. *P. Ambrocio-Cruz, E. de la Fuente, M. Rosado, & P. Velázquez.* 273
- De Marco, O.** Of Wolf-Rayet Central Stars and Common Envelopes. *O. De Marco, E. L. Sandquist, M.-M. Mac Low, F. Herwig, & R. E. Taam.* 34
- Deharveng, L.** Sequential Formation of Massive Stars at the Periphery of H II Regions. *L. Deharveng, A. Zavagno, J. Caplan, B. Lefloch, L. Salas, A. Porras, & I. Cruz-González.* 160
- Diamond, P. J.** A Collimated Jet of Molecular Gas from the AGB Star W 43A. *H. Imai, K. Obara, P. J. Diamond, T. Omodaka, & T. Sasao.* 74
- Dickey, J. M.** Shells, Bubbles, and Chimneys in the Southern Galactic Plane Survey. *N. M. McClure-Griffiths, J. M. Dickey, B. M. Gaensler, & A. J. Green.* 287
- Docobo, J. A.** Orbital Dynamics Analysis of Binary Systems in Mass-Loss Scenarios. *M. Andrade & J. A. Docobo.* 223
- Dopita, M. A.** Dusty Outflows in Narrow-Line Regions. *B. A. Groves & M. A. Dopita.* 336
- Dopita, M. A.** The Dynamical Evolution of Narrow Line Regions (Invited Talk). *M. A. Dopita, G. V. Bicknell, R. S. Sutherland, & C. J. Saxton.* 323
- Dorland, B. N.** The “Ghost Shell”: Discovery of the Forward Shock from Colliding Winds about Eta Carinae. *B. N. Dorland, D. G. Currie, A. Kaufer, & F. Bacciotti.* 70
- Dougherty, S. M.** Radio emission models of Colliding-Wind Binaries. *S. M. Dougherty, J. M. Pittard, R. Coker, P. M. Williams, L. Kasian, & H. M. Lloyd.* 56
- Downes, T. P.** Jet-Accelerated Molecular Outflows: The Mass-Velocity and Intensity-Velocity Relations. *T. P. Downes & S. Cabrit.* 120
- Drake, R. P.** Stellar Outflows with New Tools: Advanced Simulations and Laboratory Experiments (Invited Talk). *A. Frank, A. Poludnenko, T. A. Gardiner, S. V. Lebedev, & R. P. Drake.* 85
- Dyson, J. E.** Concluding Remarks. *J. E. Dyson.* 337
- Dyson, J. E.** Physical Scenarios for Supersonic Gas Flows Observed in H II Regions. *M. Relaño, J. E. Beckman, & J. E. Dyson.* 281
- Dyson, J. E.** Supernova Remnant Evolution in an AGN Environment (Invited Talk). *J. M. Pittard, J. E. Dyson, S. A. E. G. Falle, & T. W. Hartquist.* 317
- Esquivel, A.** Turbulence Parameters from Statistics of Spectral Line Data Cubes. *A. Esquivel & A. Lazarian.* 300
- Estalella, R.** Radio Observations of Disks and Jets in Young, Close Binary Systems. *G. Anglada, L. F. Rodríguez, J. M. Torrelles, R. Estalella, M. T. Beltrán, & P. T. P. Ho.* 97

- Estalella, R.** The Dusty Envelope of L 723 at Sub-mm Wavelengths. *R. Estalella, A. Palau, J. M. Girart, M. T. Beltrán, G. Anglada, & P. T. P. Ho.* 135
- Estalella, R.** The Transverse Velocity Structure of HH Jets. *A. Riera, R. López, A. C. Raga, R. Estalella, & G. Anglada.* 145
- Falceta-Gonçalves, D.** Dust Formation Events in Colliding Winds: An Application to Eta Car. *D. Falceta-Gonçalves, V. Jatenco-Pereira, & Z. Abraham.* 71
- Falle, S. A. E., G.** Supernova Remnant Evolution in an AGN Environment (Invited Talk). *J. M. Pittard, J. E. Dyson, S. A. E. G. Falle, & T. W. Hartquist.* 317
- Feigelson, E. D.** *Chandra* Observations of M 17, the Omega Nebula. *L. Townsley, P. Broos, Y.-H. Chu, E. Feigelson, G. Garmire, K. Getman, & T. Montmerle.* 190
- Fisher, R. T.** Realistic Initial Conditions for Star-Formation Simulations. *M. R. Krumholz, R. T. Fisher, R. I. Klein, & C. F. McKee.* 138
- Fisher, R. T.** Recent Advances in the Collapse and Fragmentation of Turbulent Molecular Cloud Cores (Invited Talk). *R. I. Klein, R. T. Fisher, M. R. Krumholz, & C. F. McKee.* 92
- Forero, V.** A Study of the Variability of Water Maser Emission in a Sample of YSOs. *M. A. Trinidad, S. Curiel, V. Rojas, J. C. Plascencia, D. González, R. González, L. Uscanga, & V. Forero.* 208
- Franco, J.** Photoionization and Star Formation (Invited Talk). *J. Franco.* 149
- Franco, J.** The Structure and Dynamics of NGC 246. *A. Szentgyorgyi, J. Franco, L. López-Martín, J. C. Raymond, & E. Villaver.* 84
- Franco, J.** Winds, Bubbles, ... but Magnetized: Solutions for High Speed Post-AGB Winds and Their Extreme Collimation (Invited Talk). *G. García-Segura, J. A. López, & J. Franco.* 12
- Frank, A.** Stellar Outflows with New Tools: Advanced Simulations and Laboratory Experiments (Invited Talk). *A. Frank, A. Poludnenko, T. A. Gardiner, S. V. Lebedev, & R. P. Drake.* 85
- Gaensler, B. M.** High Resolution X-Ray Observations of Pulsar Winds. *B. M. Gaensler.* 234
- Gaensler, B. M.** Shells, Bubbles, and Chimneys in the Southern Galactic Plane Survey. *N. M. McClure-Griffiths, J. M. Dickey, B. M. Gaensler, & A. J. Green.* 287
- Galli, D.** Champagne Flows and Winds in H II Regions (Invited Talk). *S. Lizano, D. Galli, F. Shu, & J. Cantó.* 166
- Garay, G.** An Enigmatic, Expanding, Spherical Bubble Ejected from a Young Stellar Object. *J. M. Torrelles, N. A. Patel, J. F. Gómez, P. T. P. Ho, L. F. Rodríguez, G. Anglada, G. Garay, S. Curiel, & J. Cantó.* 100
- Garay, G.** Detection of a Collimated Jet towards a High-Mass Protostar. *K. J. Brooks, G. Garay, D. Mardones, & R. P. Norris.* 154
- Garay, G.** The Nature of the Cluster of Radio Sources in GGD 14. *Y. Gómez, L. F. Rodríguez, & G. Garay.* 136
- García Díaz, M. T.** Determination of the Electron Density in the Orion Nebula with High Spectral Resolution. *M. T. García Díaz & W. J. Henney.* 201
- Garcia, M.** The Winds of O-Type Stars: Ionization Structure and Revised Stellar Parameters from Far-UV Spectra. *L. Bianchi, M. Garcia, & J. Herald.* 226
- García-Hernández, A.** Observations of the Jet-Like Structure Associated with the Binary Planetary Nebula GLMP 621. *A. Riera, P. García-Lario, A. Manchado, O. Suárez, A. García-Hernández, & M. A. Guerrero.* 82
- García-Lario, P.** Observations of the Jet-Like Structure Associated with the Binary Planetary Nebula GLMP 621. *A. Riera, P. García-Lario, A. Manchado, O. Suárez, A. García-Hernández, & M. A. Guerrero.* 82
- García-Segura, G.** Winds, Bubbles, ... but Magnetized: Solutions for High Speed Post-AGB Winds and Their Extreme Collimation (Invited Talk). *G. García-Segura, J. A. López, & J. Franco.* 12
- García-Segura, G.** A Dynamical Model for PNe with WR-Type Central Stars. *S. Medina, G. García-Segura, & M. Peña.* 78
- Gardiner, T. A.** Stellar Outflows with New Tools: Advanced Simulations and Laboratory Experiments (Invited Talk). *A. Frank, A. Poludnenko, T. A. Gardiner, S. V. Lebedev, & R. P. Drake.* 85
- Garmire, G. P.** *Chandra* Observations of M 17, the Omega Nebula. *L. Townsley, P. Broos, Y.-H. Chu, E. Feigelson, G. Garmire, K. Getman, & T. Montmerle.* 190
- Gayley, K. G.** The Partition Between Terminal Speed and Mass Loss: Thin, Thick, and Rotating Line-Driven Winds (Invited Talk). *K. G. Gayley & A. J. Onifer.* 211
- Getman, K. V.** *Chandra* Observations of M 17, the Omega Nebula. *L. Townsley, P. Broos, Y.-H. Chu, E. Feigelson, G. Garmire, K. Getman, & T. Montmerle.* 190
- Ghosh, S. K.** High-Mass Star Formation through Far-Infrared Studies. *R. P. Verma, S. K. Ghosh, & T. N. Rengarajan.* 157
- Girart, J. M.** The Dusty Envelope of L 723 at Sub-mm Wavelengths. *R. Estalella, A. Palau, J. M. Girart, M. T. Beltrán, G. Anglada, & P. T. P. Ho.* 135
- Gomez, E. L.** Instabilities in Hot Star Winds. *E. L. Gomez & R. J. R. Williams.* 228
- Gómez, J. F.** An Enigmatic, Expanding, Spherical Bubble Ejected from a Young Stellar Object. *J. M. Torrelles, N. A. Patel, J. F. Gómez, P. T. P. Ho,*

- L. F. Rodríguez, G. Anglada, G. Garay, S. Curiel, & J. Cantó.* 100
- Gómez, Y.** The Nature of the Cluster of Radio Sources in GGD14. *Y. Gómez, L. F. Rodríguez, & G. Garay.* 136
- González, D.** A Study of the Variability of Water Maser Emission in a Sample of YSOs. *M. A. Trinidad, S. Curiel, V. Rojas, J. C. Plascencia, D. González, R. González, L. Uscanga, & V. Forero.* 208
- González, R.** A Study of the Variability of Water Maser Emission in a Sample of YSOs. *M. A. Trinidad, S. Curiel, V. Rojas, J. C. Plascencia, D. González, R. González, L. Uscanga, & V. Forero.* 208
- González-Gómez, D. I.** HH111 Line Ratios from STIS Spectra. *D. I. González-Gómez & A. C. Raga.* 137
- González-Gómez, D. I.** Temperature and Density Gradients in the Orion Nebula. *L. Binette, D. I. González-Gómez, & Y. D. Mayya.* 181
- Graham, J. R.** Dynamic Shocks in the Inhomogeneous Environment of the Cygnus Loop (Invited Talk). *N. A. Levenson, J. R. Graham, & J. L. Walters.* 252
- Graham, M. F.** Unveiling the Morphology and Kinematics of LoTr 5, the Highest Galactic Latitude PN. *M. F. Graham, J. Meaburn, & J. A. López.* 72
- Green, A. J.** Shells, Bubbles, and Chimneys in the Southern Galactic Plane Survey. *N. M. McClure-Griffiths, J. M. Dickey, B. M. Gaensler, & A. J. Green.* 287
- Groves, B. A.** Dusty Outflows in Narrow-Line Regions. *B. A. Groves & M. A. Dopita.* 336
- Gruendl, R. A.** An Inside-Out View of Bubbles (Invited Talk). *Y.-H. Chu, R. A. Gruendl, & M. A. Guerrero.* 62
- Gruenwald, R.** Spectrophotometric Mapping of the Planetary Nebula NGC 6369. *H. Monteiro, H. E. Schwarz, S. Heathcote, & R. Gruenwald.* 79
- Gruenwald, R.** Three-Dimensional Photoionization Modeling of the Planetary Nebula NGC 6369. *H. Monteiro, H. E. Schwarz, S. Heathcote, & R. Gruenwald.* 80
- Guerrero, M. A.** An Inside-Out View of Bubbles (Invited Talk). *Y.-H. Chu, R. A. Gruendl, & M. A. Guerrero.* 62
- Guerrero, M. A.** Observations of the Jet-Like Structure Associated with the Binary Planetary Nebula GLMP 621. *A. Riera, P. García-Lario, A. Manchado, O. Suárez, A. García-Hernández, & M. A. Guerrero.* 82
- Hajian, A. R.** Knots in Planetary Nebulae (Invited Talk). *C. R. O'Dell, B. Balick, A. R. Hajian, W. J. Henney, & A. Burkert.* 29
- Harman, D. J.** The Connection between the Vela Supernova Remnant, the Optical Nebula RCW 37, and the Young X-Ray Supernova Remnant RX J0852.0-4622. *M. P. Redman, J. Meaburn, M. Bryce, D. J. Harman, & T. J. O'Brien.* 270
- Hartigan, P. M.** Proper Motions of Stellar Jets as Observed with *HST*: The Movies. *P. Hartigan.* 112
- Hartmann, L.** Modeling the Dust Emission of the L1551 IRS5 Binary System at Different Scales. *M. Osorio, P. D'Alessio, J. Muzerolle, N. Calvet, & L. Hartmann.* 142
- Hartmann, L.** Spatial Distribution of H₂ Fluorescence in the Inner 2'' × 2'' Around T Tau. *J. Saucedo, N. Calvet, L. Hartmann, & J. C. Raymond.* 146
- Hartquist, T. W.** Supernova Remnant Evolution in an AGN Environment (Invited Talk). *J. M. Pittard, J. E. Dyson, S. A. E. G. Falle, & T. W. Hartquist.* 317
- Heathcote, S.** Spectrophotometric Mapping of the Planetary Nebula NGC 6369. *H. Monteiro, H. E. Schwarz, S. Heathcote, & R. Gruenwald.* 79
- Heathcote, S.** Three-Dimensional Photoionization Modeling of the Planetary Nebula NGC 6369. *H. Monteiro, H. E. Schwarz, S. Heathcote, & R. Gruenwald.* 80
- Henney, W. J.** Determination of the Electron Density in the Orion Nebula with High Spectral Resolution. *M. T. García Díaz & W. J. Henney.* 201
- Henney, W. J.** Large-Scale Photoevaporation Flows in H II Regions (Invited Talk). *W. J. Henney.* 175
- Henney, W. J.** Knots in Planetary Nebulae (Invited Talk). *C. R. O'Dell, B. Balick, A. R. Hajian, W. J. Henney, & A. Burkert.* 29
- Henney, W. J.** Preface. *S. J. Arthur & W. J. Henney.* xi
- Herald, J.** Properties of Galactic and MC CSPN disclosed by Far-Ultraviolet Spectroscopy. *J. Herald & L. Bianchi.* 73
- Herald, J.** The Winds of O-Type Stars: Ionization Structure and Revised Stellar Parameters from Far-UV Spectra. *L. Bianchi, M. Garcia, & J. Herald.* 226
- Herwig, F.** Of Wolf-Rayet Central Stars and Common Envelopes. *O. De Marco, E. L. Sandquist, M.-M. Mac Low, F. Herwig, & R. E. Taam.* 34
- Ho, P. T. P.** An Enigmatic, Expanding, Spherical Bubble Ejected from a Young Stellar Object. *J. M. Torrelles, N. A. Patel, J. F. Gómez, P. T. P. Ho, L. F. Rodríguez, G. Anglada, G. Garay, S. Curiel, & J. Cantó.* 100
- Ho, P. T. P.** Radio Observations of Disks and Jets in Young, Close Binary Systems. *G. Anglada, L. F. Rodríguez, J. M. Torrelles, R. Estalella, M. T. Beltrán, & P. T. P. Ho.* 97
- Ho, P. T. P.** The Dusty Envelope of L723 at Sub-mm Wavelengths. *R. Estalella, A. Palau, J. M. Girart, M. T. Beltrán, G. Anglada, & P. T. P. Ho.* 135
- Hoare, M. G.** Cometary Compact H II Regions. *M. G. Hoare, S. L. Lumsden, A. L. Busfield, & P. Buckley.* 172
- Höfner, S.** Three-Component Modeling of C-Rich AGB Star Winds. *C. Sandin & S. Höfner.* 53

- Imai, H.** A Collimated Jet of Molecular Gas from the AGB Star W 43A. *H. Imai, K. Obara, P. J. Diamond, T. Omodaka, & T. Sasao.* 74
- Imai, H.** The 3-D Kinematics of Water Masers in the W 51A Region. *H. Imai, T. Watanabe, T. Omodaka, M. Nishio, O. Kameya, T. Miyaji, & J. Nakajima.* 202
- Jatenco-Pereira, V.** Dust Formation Events in Colliding Winds: An Application to Eta Car. *D. Falceta-Gonçalves, V. Jatenco-Pereira, & Z. Abraham.* 71
- Kameya, O.** The 3-D Kinematics of Water Masers in the W 51A Region. *H. Imai, T. Watanabe, T. Omodaka, M. Nishio, O. Kameya, T. Miyaji, & J. Nakajima.* 202
- Kasian, L.** Radio emission models of Colliding-Wind Binaries. *S. M. Dougherty, J. M. Pittard, R. Coker, P. M. Williams, L. Kasian, & H. M. Lloyd.* 56
- Kaufer, A.** The “Ghost Shell”: Discovery of the Forward Shock from Colliding Winds about Eta Carinae. *B. N. Dorland, D. G. Currie, A. Kaufer, & F. Bacciotti.* 70
- Kerton, C. R.** Expanding Shells of Neutral Hydrogen around Compact H II Regions. *R. Kothes & C. R. Kerton.* 163
- Kimeswenger, S.** Late Helium Flash in V605 Aql: PNe Evolution and Shell Formation in Quick Motion. *S. Kimeswenger.* 75
- Kimeswenger, S.** V838 Mon: A New Type of Eruptive Variable?. *S. Kimeswenger, C. Lederle, S. Schmeja, & B. Armsdorfer.* 76
- Kiss, Cs.** An All-Sky Survey of Far-Infrared Loops. *V. Könyves, Cs. Kiss, & A. Moór.* 302
- Klein, R. I.** Realistic Initial Conditions for Star-Formation Simulations. *M. R. Krumholz, R. T. Fisher, R. I. Klein, & C. F. McKee.* 138
- Klein, R. I.** Recent Advances in the Collapse and Fragmentation of Turbulent Molecular Cloud Cores (Invited Talk). *R. I. Klein, R. T. Fisher, M. R. Krumholz, & C. F. McKee.* 92
- Knee, L. B. G.** HI Tails from Molecular Clouds near HD 17603 and Wolf-Rayet 5. *L. B. G. Knee & B. J. Wallace.* 44
- Knee, L. B. G.** The Canadian Galactic Plane Survey. *L. B. G. Knee.* 301
- Könyves, V.** An All-Sky Survey of Far-Infrared Loops. *V. Könyves, Cs. Kiss, & A. Moór.* 302
- Kothes, R.** Expanding Shells of Neutral Hydrogen around Compact H II Regions. *R. Kothes & C. R. Kerton.* 163
- Krumholz, M. R.** Realistic Initial Conditions for Star-Formation Simulations. *M. R. Krumholz, R. T. Fisher, R. I. Klein, & C. F. McKee.* 138
- Krumholz, M. R.** Recent Advances in the Collapse and Fragmentation of Turbulent Molecular Cloud Cores (Invited Talk). *R. I. Klein, R. T. Fisher, M. R. Krumholz, & C. F. McKee.* 92
- Kurtz, S. E.** A Subarcsecond Radio Binary Associated with AFGL 4029. *L. A. Zapata, L. F. Rodríguez, & S. E. Kurtz.* 209
- Kurtz, S. E.** Radio Detection of the Exciting Sources of Shell H II Regions in NGC 6334. *L. F. Rodríguez, P. Carral, S. E. Kurtz, K. Menten, J. Cantó, & R. Arceo.* 194
- Lada, E. A.** Dense Molecular Gas Clumps Associated with Clustered Star Formation in the Rosette Molecular Cloud. *C. G. Román-Zúñiga, J. P. Williams, & E. A. Lada.* 206
- Lagage, P. O.** Submillimeter Observations of Cassiopeia A. *L. Loinard, J. Lequeux, R. P. T. Tilanus, & P. O. Lagage.* 267
- Lazarian, A.** Compressible MHD Turbulence: Mode Coupling, Anisotropies, and Scalings. *J. Cho & A. Lazarian.* 293
- Lazarian, A.** Turbulence Parameters from Statistics of Spectral Line Data Cubes. *A. Esquivel & A. Lazarian.* 300
- Leass, E. L.** Observational Evidence for Triggered Star Formation on Scales of 1 to 300 pc. *S. T. Megeath, B. Biller, T. M. Dame, E. L. Leass, R. Whitaker, & T. L. Wilson.* 151
- Lebedev, S. V.** Stellar Outflows with New Tools: Advanced Simulations and Laboratory Experiments (Invited Talk). *A. Frank, A. Poludnenko, T. A. Gardiner, S. V. Lebedev, & R. P. Drake.* 85
- Lederle, C.** V838 Mon: A New Type of Eruptive Variable?. *S. Kimeswenger, C. Lederle, S. Schmeja, & B. Armsdorfer.* 76
- Lee, C.-F.** Outflows from Young Stellar Objects and Post-AGB Stars. *C.-F. Lee, R. Sahai, & L. G. Mundy.* 139
- Lefloch, B.** Sequential Formation of Massive Stars at the Periphery of H II Regions. *L. Deharveng, A. Zavagno, J. Caplan, B. Lefloch, L. Salas, A. Porras, & I. Cruz-González.* 160
- Lequeux, J.** Submillimeter Observations of Cassiopeia A. *L. Loinard, J. Lequeux, R. P. T. Tilanus, & P. O. Lagage.* 267
- Levenson, N. A.** Dynamic Shocks in the Inhomogeneous Environment of the Cygnus Loop (Invited Talk). *N. A. Levenson, J. R. Graham, & J. L. Walters.* 252
- Lim, A. J.** Fast Molecular Hydrogen from Time-Dependent Shocks. *A. J. Lim.* 131
- Lizano, S.** Champagne Flows and Winds in H II Regions (Invited Talk). *S. Lizano, D. Galli, F. Shu, & J. Cantó.* 166

- Lizano, S.** Modeling the Dust and Ammonia Emission in the G 31.41+0.31 Hot Molecular Core. *M. Osorio, G. Anglada, S. Lizano, & P. D'Alessio.* 204
- Lloyd, H. M.** Radio emission models of Colliding-Wind Binaries. *S. M. Dougherty, J. M. Pittard, R. Coker, P. M. Williams, L. Kasian, & H. M. Lloyd.* 56
- Loinard, L.** Submillimeter Observations of Cassiopeia A. *L. Loinard, J. Lequeux, R. P. T. Tilanus, & P. O. Lagage.* 267
- López, J. A.** Percolating Winds through a Clumpy Torus. *W. Steffen & J. A. López.* 50
- López, J. A.** Unveiling the Morphology and Kinematics of LoTr5, the Highest Galactic Latitude PN. *M. F. Graham, J. Meaburn, & J. A. López.* 72
- López, J. A.** Winds, Bubbles, ...but Magnetized: Solutions for High Speed Post-AGB Winds and Their Extreme Collimation (Invited Talk). *G. García-Segura, J. A. López, & J. Franco.* 12
- López, J. A.** Winds, Bubbles, and Outflows in Planetary Nebulae (Invited Talk). *J. A. López.* 7
- López, R.** The Transverse Velocity Structure of HH Jets. *A. Riera, R. López, A. C. Raga, R. Estrella, & G. Anglada.* 145
- López-Martín, L.** The Structure and Dynamics of NGC 246. *A. Szentgyorgyi, J. Franco, L. López-Martín, J. C. Raymond, & E. Villaver.* 84
- Lozinskaya, T. A.** The Irregular Galaxy IC 1613: Detailed Kinematics of H I and H II Shells in the Complex of Ongoing Star Formation. *T. A. Lozinskaya, A. V. Moiseev, & N. Yu. Podorvanyuk.* 284
- Lumsden, S. L.** Cometary Compact H II Regions. *M. G. Hoare, S. L. Lumsden, A. L. Busfield, & P. Buckley.* 172
- Mac Low, M.-M.** Mixing in a Supernova-Driven ISM: A 3-D Parameter Study. *M. A. de Avillez & M.-M. Mac Low.* 290
- Mac Low, M.-M.** Of Wolf-Rayet Central Stars and Common Envelopes. *O. De Marco, E. L. Sandquist, M.-M. Mac Low, F. Herwig, & R. E. Taam.* 34
- Machado, M.** Massive Stars in Transition: Spectroscopic Analysis of HR Carinae. *M. Machado, F. X. de Araújo, & C. B. Pereira.* 77
- Manchado, A.** Observations of the Jet-Like Structure Associated with the Binary Planetary Nebula GLMP 621. *A. Riera, P. García-Lario, A. Manchado, O. Suárez, A. García-Hernández, & M. A. Guerrero.* 82
- Mardones, D.** Detection of a Collimated Jet towards a High-Mass Protostar. *K. J. Brooks, G. Garay, D. Mardones, & R. P. Norris.* 154
- Marenzi, A. R.** Near and Mid-Infrared Images of the Massive Star-Forming Complex G 9.62+0.19. *M. Tapia, P. Persi, M. Roth, A. R. Marenzi, L. Testi, & L. Vanzì.* 207
- Martinell, J. J.** Effects of Anisotropic Thermal Conduction on X-Ray Emission from SNRs. *P. F. Velázquez, J. J. Martinell, & A. C. Raga.* 246
- Masciadri, E.** Herbig-Haro Objects from Orbiting Sources. *E. Masciadri & A. C. Raga.* 140
- Mayya, Y. D.** Temperature and Density Gradients in the Orion Nebula. *L. Binette, D. I. González-Gómez, & Y. D. Mayya.* 181
- McClure-Griffiths, N. M.** Neutral Gas Bubbles Surrounding Southern Optical Ring Nebulae: Anon(WR 23) and RCW 52. *C. Cappa, V. S. Niemela, & N. M. McClure-Griffiths.* 47
- McClure-Griffiths, N. M.** Shells, Bubbles, and Chimneys in the Southern Galactic Plane Survey. *N. M. McClure-Griffiths, J. M. Dickey, B. M. Gaensler, & A. J. Green.* 287
- McGroarty, F.** Parsec-Scale Outflows from Intermediate-Mass Stars. *F. McGroarty & T. P. Ray.* 141
- McKee, C. F.** Realistic Initial Conditions for Star-Formation Simulations. *M. R. Krumholz, R. T. Fisher, R. I. Klein, & C. F. McKee.* 138
- McKee, C. F.** Recent Advances in the Collapse and Fragmentation of Turbulent Molecular Cloud Cores (Invited Talk). *R. I. Klein, R. T. Fisher, M. R. Krumholz, & C. F. McKee.* 92
- Meaburn, J.** Candidates for Ablated Flows (Invited Talk). *J. Meaburn & M. P. Redman.* 1
- Meaburn, J.** The Connection between the Vela Supernova Remnant, the Optical Nebula RCW 37, and the Young X-Ray Supernova Remnant RX J0852.0-4622. *M. P. Redman, J. Meaburn, M. Bryce, D. J. Harman, & T. J. O'Brien.* 270
- Meaburn, J.** Unveiling the Morphology and Kinematics of LoTr5, the Highest Galactic Latitude PN. *M. F. Graham, J. Meaburn, & J. A. López.* 72
- Medina, S.** A Dynamical Model for PNe with WR-Type Central Stars. *S. Medina, G. García-Segura, & M. Peña.* 78
- Medina, S.** Expansion Velocities of Planetary Nebulae with [WC] Central Stars. *M. Peña, S. Medina, & G. Stasińska.* 38
- Megeath, S. T.** Observational Evidence for Triggered Star Formation on Scales of 1 to 300 pc. *S. T. Megeath, B. Biller, T. M. Dame, E. L. Leass, R. Whitaker, & T. L. Wilson.* 151
- Mellema, G.** Stellar Wind Bubbles: H-Deficient Stars and X-Ray Spectra. *G. Mellema.* 41
- Menten, K.** Radio Detection of the Exciting Sources of Shell H II Regions in NGC 6334. *L. F. Rodríguez, P. Carral, S. E. Kurtz, K. Menten, J. Cantó, & R. Arceo.* 194
- Mininni, P.** Entrainment in Herbig-Haro Objects (Invited Talk). *A. C. Raga, P. F. Velázquez, E. M. de Gouveia Dal Pino, A. Noriega-Crespo, & P. Mininni.* 115
- Mirioni, L.** Bubble Nebulae around Ultraluminous X-Ray Sources. *M. W. Pakull & L. Mirioni.* 197

- Miyaji, T.** The 3-D Kinematics of Water Masers in the W 51A Region. *H. Imai, T. Watanabe, T. Omodaka, M. Nishio, O. Kameya, T. Miyaji, & J. Nakajima.* 202
- Moiseenko, S. G.** Supernova Type II: Magnetorotational Explosion. *S. G. Moiseenko, N. V. Ardeljan, & G. S. Bisnovatyi-Kogan.* 231
- Moiseev, A. V.** The Irregular Galaxy IC 1613: Detailed Kinematics of H I and H II Shells in the Complex of Ongoing Star Formation. *T. A. Lozinskaya, A. V. Moiseev, & N. Yu. Podorvanyuk.* 284
- Monteiro, H.** Spectrophotometric Mapping of the Planetary Nebula NGC 6369. *H. Monteiro, H. E. Schwarz, S. Heathcote, & R. Gruenwald.* 79
- Monteiro, H.** Three-Dimensional Photoionization Modeling of the Planetary Nebula NGC 6369. *H. Monteiro, H. E. Schwarz, S. Heathcote, & R. Gruenwald.* 80
- Monteiro, H.** Properties of Bipolar Planetary Nebulae (Invited Talk). *H. E. Schwarz & H. Monteiro.* 23
- Montmerle, T.** *Chandra* Observations of M 17, the Omega Nebula. *L. Townsley, P. Broos, Y.-H. Chu, E. Feigelson, G. Garmire, K. Getman, & T. Montmerle.* 190
- Moór, A.** An All-Sky Survey of Far-Infrared Loops. *V. Könyves, Cs. Kiss, & A. Moór.* 302
- Morris, M. R.** Dynamics of the Molecular Jets in the Archetypical Preplanetary Nebula, IRAS 16342–3814. *M. R. Morris, R. Sahai, & M. Claussen.* 20
- Morris, M. R.** Multipolar Bubbles, Point-Symmetry, and Jets in Dying Stars. *R. Sahai & M. R. Morris.* 17
- Morse, J. A.** *HST* Observations of Young, Oxygen-Rich Supernova Remnants. *J. A. Morse.* 243
- Mundy, L. G.** Outflows from Young Stellar Objects and Post-AGB Stars. *C.-F. Lee, R. Sahai, & L. G. Mundy.* 139
- Muxlow, T.** Large and Small Bubbles in the Messier 82 Starburst (Invited Talk). *A. Pedlar, T. Muxlow, & K. A. Wills.* 303
- Muzerolle, J.** Modeling the Dust Emission of the L 1551 IRS 5 Binary System at Different Scales. *M. Osorio, P. D'Alessio, J. Muzerolle, N. Calvet, & L. Hartmann.* 142
- Nakajima, J.** The 3-D Kinematics of Water Masers in the W 51A Region. *H. Imai, T. Watanabe, T. Omodaka, M. Nishio, O. Kameya, T. Miyaji, & J. Nakajima.* 202
- Niemela, V. S.** Neutral Gas Bubbles Surrounding Southern Optical Ring Nebulae: Anon(WR 23) and RCW 52. *C. Cappa, V. S. Niemela, & N. M. McClure-Griffiths.* 47
- Nishio, M.** The 3-D Kinematics of Water Masers in the W 51A Region. *H. Imai, T. Watanabe, T. Omodaka, M. Nishio, O. Kameya, T. Miyaji, & J. Nakajima.* 202
- Noriega-Crespo, A.** Entrainment in Herbig-Haro Objects (Invited Talk). *A. C. Raga, P. F. Velázquez, E. M. de Gouveia Dal Pino, A. Noriega-Crespo, & P. Mininni.* 115
- Norris, R. P.** Detection of a Collimated Jet towards a High-Mass Protostar. *K. J. Brooks, G. Garay, D. Mardones, & R. P. Norris.* 154
- Nottale, L.** On the Morphogenesis of Planetary Nebulae. *D. Da Rocha & L. Nottale.* 69
- Nürnbergger, D. E. A.** The Dusty Side of NGC 3603: TIMMI 2 Data Reveal a Striking Diversity of Mid-IR Sources. *D. E. A. Nürnbergger & Th. Stanke.* 203
- O'Brien, T. J.** The Connection between the Vela Supernova Remnant, the Optical Nebula RCW 37, and the Young X-Ray Supernova Remnant RX J0852.0–4622. *M. P. Redman, J. Meaburn, M. Bryce, D. J. Harman, & T. J. O'Brien.* 270
- O'Dell, C. R.** Knots in Planetary Nebulae (Invited Talk). *C. R. O'Dell, B. Balick, A. R. Hajian, W. J. Henney, & A. Burkert.* 29
- Obara, K.** A Collimated Jet of Molecular Gas from the AGB Star W 43A. *H. Imai, K. Obara, P. J. Diamond, T. Omodaka, & T. Sasao.* 74
- Omodaka, T.** A Collimated Jet of Molecular Gas from the AGB Star W 43A. *H. Imai, K. Obara, P. J. Diamond, T. Omodaka, & T. Sasao.* 74
- Omodaka, T.** The 3-D Kinematics of Water Masers in the W 51A Region. *H. Imai, T. Watanabe, T. Omodaka, M. Nishio, O. Kameya, T. Miyaji, & J. Nakajima.* 202
- Onifer, A. J.** The Partition Between Terminal Speed and Mass Loss: Thin, Thick, and Rotating Line-Driven Winds (Invited Talk). *K. G. Gayley & A. J. Onifer.* 211
- Osorio, M.** Modeling the Dust Emission of the L 1551 IRS 5 Binary System at Different Scales. *M. Osorio, P. D'Alessio, J. Muzerolle, N. Calvet, & L. Hartmann.* 142
- Osorio, M.** Modeling the Dust and Ammonia Emission in the G 31.41+0.31 Hot Molecular Core. *M. Osorio, G. Anglada, S. Lizano, & P. D'Alessio.* 204
- Pakull, M. W.** Bubble Nebulae around Ultraluminous X-Ray Sources. *M. W. Pakull & L. Mirioni.* 197
- Palau, A.** The Dusty Envelope of L 723 at Sub-mm Wavelengths. *R. Estalella, A. Palau, J. M. Girart, M. T. Beltrán, G. Anglada, & P. T. P. Ho.* 135
- Patel, N. A.** An Enigmatic, Expanding, Spherical Bubble Ejected from a Young Stellar Object. *J. M. Torrelles, N. A. Patel, J. F. Gómez, P. T. P. Ho, L. F. Rodríguez, G. Anglada, G. Garay, S. Curiel, & J. Cantó.* 100

- Pedlar, A.** Large and Small Bubbles in the Messier 82 Starburst (Invited Talk). *A. Pedlar, T. Muxlow, & K. A. Wills.* 303
- Peña, M.** A Dynamical Model for PNe with WR-Type Central Stars. *S. Medina, G. García-Segura, & M. Peña.* 78
- Peña, M.** Expansion Velocities of Planetary Nebulae with [WC] Central Stars. *M. Peña, S. Medina, & G. Stasińska.* 38
- Pereira, C. B.** Massive Stars in Transition: Spectroscopic Analysis of HR Carinae. *M. Machado, F. X. de Araújo, & C. B. Pereira.* 77
- Persi, P.** Near and Mid-Infrared Images of the Massive Star-Forming Complex G 9.62+0.19. *M. Tapia, P. Persi, M. Roth, A. R. Marenzi, L. Testi, & L. Vanzì.* 207
- Persi, P.** Young Stellar Objects in Gy 2-18 (IRAS 05439+3035). *P. Persi, V. F. Polcaro, M. Tapia, & J. Bohigas.* 143
- Pineault, S.** HD 192281 and HD 10125: A Study of their Local ISM using Radio and Infrared Data. *E. M. Arnal, S. Cichowolski, C. Cappa, S. Pineault, & N. St-Louis.* 200
- Pittard, J. M.** Radio emission models of Colliding-Wind Binaries. *S. M. Dougherty, J. M. Pittard, R. Coker, P. M. Williams, L. Kasian, & H. M. Lloyd.* 56
- Pittard, J. M.** Supernova Remnant Evolution in an AGN Environment (Invited Talk). *J. M. Pittard, J. E. Dyson, S. A. E. G. Falle, & T. W. Hartquist.* 317
- Pittard, J. M.** The Wind Properties of Eta Carinae. *J. M. Pittard & M. F. Corcoran.* 81
- Plascencia, J. C.** A Study of the Variability of Water Maser Emission in a Sample of YSOs. *M. A. Trinidad, S. Curiel, V. Rojas, J. C. Plascencia, D. González, R. González, L. Uscanga, & V. Forero.* 208
- Podorvanyuk, N. Yu.** The Irregular Galaxy IC 1613: Detailed Kinematics of H I and H II Shells in the Complex of Ongoing Star Formation. *T. A. Lozinskaya, A. V. Moiseev, & N. Yu. Podorvanyuk.* 284
- Pogorelov, N. V.** Interstellar Medium Interaction with Accreting and Ejecting Stars. *N. V. Pogorelov.* 229
- Polcaro, V. F.** Young Stellar Objects in Gy 2-18 (IRAS 05439+3035). *P. Persi, V. F. Polcaro, M. Tapia, & J. Bohigas.* 143
- Poludnenko, A.** Stellar Outflows with New Tools: Advanced Simulations and Laboratory Experiments (Invited Talk). *A. Frank, A. Poludnenko, T. A. Gardiner, S. V. Lebedev, & R. P. Drake.* 85
- Porrás, A.** Evidence for Time Evolution in the Exciting Source of the Expanding Water Maser Bubble in Cepheus A. *A. Porrás, L. F. Rodríguez, J. Cantó, S. Curiel, & J. M. Torrelles.* 144
- Porrás, A.** Sequential Formation of Massive Stars at the Periphery of H II Regions. *L. Deharveng, A. Zavagno, J. Caplan, B. Leftoch, L. Salas, A. Porrás, & I. Cruz-González.* 160
- Raga, A. C.** An Optical Spectroscopic Study of HH 110: a Turbulent Mixing Layer?. *S. Ayala, A. C. Raga, & S. Curiel.* 134
- Raga, A. C.** Effects of Anisotropic Thermal Conduction on X-Ray Emission from SNRs. *P. F. Velázquez, J. J. Martinell, & A. C. Raga.* 246
- Raga, A. C.** Entrainment in Herbig-Haro Objects (Invited Talk). *A. C. Raga, P. F. Velázquez, E. M. de Gouveia Dal Pino, A. Noriega-Crespo, & P. Mininni.* 115
- Raga, A. C.** HH 111 Line Ratios from STIS Spectra. *D. I. González-Gómez & A. C. Raga.* 137
- Raga, A. C.** Herbig-Haro Objects from Orbiting Sources. *E. Masciadri & A. C. Raga.* 140
- Raga, A. C.** The Transverse Velocity Structure of HH Jets. *A. Riera, R. López, A. C. Raga, R. Estrella, & G. Anglada.* 145
- Ray, T. P.** Parsec-Scale Outflows from Intermediate-Mass Stars. *F. McGroarty & T. P. Ray.* 141
- Ray, T. P.** Generating YSO Jets: What the HST Has to Tell Us (Invited Talk). *T. P. Ray & F. Bacciotti.* 106
- Raymond, J. C.** Clouds and Instabilities in Supernova Remnant Structure: Interstellar Turbulence and Rippled Shocks (Invited Talk). *J. C. Raymond.* 258
- Raymond, J. C.** Spatial Distribution of H₂ Fluorescence in the Inner 2'' × 2'' Around T Tau. *J. Saucedo, N. Calvet, L. Hartmann, & J. C. Raymond.* 146
- Raymond, J. C.** The Structure and Dynamics of NGC 246. *A. Szentgyorgyi, J. Franco, L. López-Martín, J. C. Raymond, & E. Villaver.* 84
- Reach, W.** Supernova Remnants and Molecular Clouds. *J. Rho & W. Reach.* 263
- Redman, M. P.** Candidates for Ablated Flows (Invited Talk). *J. Meaburn & M. P. Redman.* 1
- Redman, M. P.** The Connection between the Vela Supernova Remnant, the Optical Nebula RCW 37, and the Young X-Ray Supernova Remnant RX J0852.0-4622. *M. P. Redman, J. Meaburn, M. Bryce, D. J. Harman, & T. J. O'Brien.* 270
- Relaño, M.** Observations of Massive Supersonic Outflows in Highly Luminous H II Regions. *M. Relaño, J. E. Beckman, M. Rozas, & A. Zurita.* 205
- Relaño, M.** Physical Scenarios for Supersonic Gas Flows Observed in H II Regions. *M. Relaño, J. E. Beckman, & J. E. Dyson.* 281
- Rengarajan, T. N.** High-Mass Star Formation through Far-Infrared Studies. *R. P. Verma, S. K. Ghosh, & T. N. Rengarajan.* 157

- Rho, J.** Supernova Remnants and Molecular Clouds. *J. Rho & W. Reach.* 263
- Riera, A.** Observations of the Jet-Like Structure Associated with the Binary Planetary Nebula GLMP 621. *A. Riera, P. García-Lario, A. Manchado, O. Suárez, A. García-Hernández, & M. A. Guerrero.* 82
- Riera, A.** The Transverse Velocity Structure of HH Jets. *A. Riera, R. López, A. C. Raga, R. Estalella, & G. Anglada.* 145
- Rodríguez, L. F.** Radio Detection of the Exciting Sources of Shell H II Regions in NGC 6334. *L. F. Rodríguez, P. Carral, S. E. Kurtz, K. Menten, J. Cantó, & R. Arceo.* 194
- Rodríguez, L. F.** Structure and Behavior of Ionized Stellar Winds. *M. E. Contreras & L. F. Rodríguez.* 227
- Rodríguez, L. F.** A Subarcsecond Radio Binary Associated with AFGL 4029. *L. A. Zapata, L. F. Rodríguez, & S. E. Kurtz.* 209
- Rodríguez, L. F.** Modeling the Building Blocks of Water Masers in Cepheus A. *L. Uscanga, J. Cantó, S. Curiel, J. M. Torrelles, & L. F. Rodríguez.* 147
- Rodríguez, L. F.** Radio Observations of Disks and Jets in Young, Close Binary Systems. *G. Anglada, L. F. Rodríguez, J. M. Torrelles, R. Estalella, M. T. Beltrán, & P. T. P. Ho.* 97
- Rodríguez, L. F.** An Enigmatic, Expanding, Spherical Bubble Ejected from a Young Stellar Object. *J. M. Torrelles, N. A. Patel, J. F. Gómez, P. T. P. Ho, L. F. Rodríguez, G. Anglada, G. Garay, S. Curiel, & J. Cantó.* 100
- Rodríguez, L. F.** Evidence for Time Evolution in the Exciting Source of the Expanding Water Maser Bubble in Cepheus A. *A. Porras, L. F. Rodríguez, J. Cantó, S. Curiel, & J. M. Torrelles.* 144
- Rodríguez, L. F.** The Nature of the Cluster of Radio Sources in GGD 14. *Y. Gómez, L. F. Rodríguez, & G. Garay.* 136
- Rodríguez-González, A.** On the High Metallicity Produced by cSNRs. *A. Rodríguez-González, G. Tenorio-Tagle, & S. A. Silich.* 274
- Rojas, V.** A Study of the Variability of Water Maser Emission in a Sample of YSOs. *M. A. Trinidad, S. Curiel, V. Rojas, J. C. Plascencia, D. González, R. González, L. Uscanga, & V. Forero.* 208
- Román-Zúñiga, C. G.** Dense Molecular Gas Clumps Associated with Clustered Star Formation in the Rosette Molecular Cloud. *C. G. Román-Zúñiga, J. P. Williams, & E. A. Lada.* 206
- Rosado, M.** Planetary Nebulae, Bubbles, and Superbubbles: What Can We Learn From Their Kinematics? (Invited Talk). *M. Rosado, L. Arias, M. Valdez-Gutiérrez, & P. Ambrocio-Cruz.* 275
- Rosado, M.** The Supernova Remnant 3C 400.2: Kinematics of its Ionized Gas and Theoretical Results. *P. Ambrocio-Cruz, E. de la Fuente, M. Rosado, & P. Velázquez.* 273
- Roth, M.** Near and Mid-Infrared Images of the Massive Star-Forming Complex G 9.62+0.19. *M. Tapia, P. Persi, M. Roth, A. R. Marenzi, L. Testi, & L. Vanzì.* 207
- Rozas, M.** Observations of Massive Supersonic Outflows in Highly Luminous H II Regions. *M. Relaño, J. E. Beckman, M. Rozas, & A. Zurita.* 205
- Runacres, M. C.** The Outer Evolution of Structure in Radiatively Driven Stellar Winds. *M. C. Runacres.* 217
- Sahai, R.** Dynamics of the Molecular Jets in the Archetypical Preplanetary Nebula, IRAS 16342-3814. *M. R. Morris, R. Sahai, & M. Claussen.* 20
- Sahai, R.** Multipolar Bubbles, Point-Symmetry, and Jets in Dying Stars. *R. Sahai & M. R. Morris.* 17
- Sahai, R.** Outflows from Young Stellar Objects and Post-AGB Stars. *C.-F. Lee, R. Sahai, & L. G. Mundy.* 139
- Salas, L.** Sequential Formation of Massive Stars at the Periphery of H II Regions. *L. Deharveng, A. Zavagno, J. Caplan, B. Lefloch, L. Salas, A. Porras, & I. Cruz-González.* 160
- Sandin, C.** Three-Component Modeling of C-Rich AGB Star Winds. *C. Sandin & S. Höfner.* 53
- Sandquist, E. L.** Of Wolf-Rayet Central Stars and Common Envelopes. *O. De Marco, E. L. Sandquist, M.-M. Mac Low, F. Herwig, & R. E. Taam.* 34
- Sankrit, R.** *FUSE* Observations of the Cygnus Loop: Probing Shock-Cloud Interactions. *R. Sankrit & W. P. Blair.* 249
- Sasao, T.** A Collimated Jet of Molecular Gas from the AGB Star W 43A. *H. Imai, K. Obara, P. J. Diamond, T. Omodaka, & T. Sasao.* 74
- Saucedo, J.** Spatial Distribution of H₂ Fluorescence in the Inner 2'' × 2'' Around T Tau. *J. Saucedo, N. Calvet, L. Hartmann, & J. C. Raymond.* 146
- Saxton, C. J.** The Dynamical Evolution of Narrow Line Regions (Invited Talk). *M. A. Dopita, G. V. Bicknell, R. S. Sutherland, & C. J. Saxton.* 323
- Schmeja, S.** V 838 Mon: A New Type of Eruptive Variable?. *S. Kimeswenger, C. Lederle, S. Schmeja, & B. Armsdorfer.* 76
- Schulz, N. S.** High Resolution Spectra of Stellar Winds in Very Young Massive Stars. *N. S. Schulz.* 220
- Schwarz, H. E.** Properties of Bipolar Planetary Nebulae (Invited Talk). *H. E. Schwarz & H. Monteiro.* 23
- Schwarz, H. E.** Spectrophotometric Mapping of the Planetary Nebula NGC 6369. *H. Monteiro, H. E. Schwarz, S. Heathcote, & R. Gruenwald.* 79
- Schwarz, H. E.** Three-Dimensional Photoionization Modeling of the Planetary Nebula NGC 6369. *H. Monteiro, H. E. Schwarz, S. Heathcote, & R. Gruenwald.* 80

- Shu, F.** Champagne Flows and Winds in H II Regions (Invited Talk). *S. Lizano, D. Galli, F. Shu, & J. Cantó.* 166
- Silich, S. A.** On the High Metallicity Produced by cSNRs. *A. Rodríguez-González, G. Tenorio-Tagle, & S. A. Silich.* 274
- Silich, S. A.** Galactic Superwind: Cold versus Hot Model. *S. A. Silich.* 308
- St-Louis, N.** HD 192281 and HD 10125: A Study of their Local ISM using Radio and Infrared Data. *E. M. Arnal, S. Cichowski, C. Cappa, S. Pineault, & N. St-Louis.* 200
- Stanke, Th.** The Dusty Side of NGC 3603: TIMMI 2 Data Reveal a Striking Diversity of Mid-IR Sources. *D. E. A. Nürnberger & Th. Stanke.* 203
- Stasińska, G.** Expansion Velocities of Planetary Nebulae with [WC] Central Stars. *M. Peña, S. Medina, & G. Stasińska.* 38
- Steffen, W.** Percolating Winds through a Clumpy Torus. *W. Steffen & J. A. López.* 50
- Stegeman, I. M.** Numerical Simulations of the Interaction of Colliding Stellar Winds with the ISM. *I. M. Stegeman.* 83
- Suárez, O.** Observations of the Jet-Like Structure Associated with the Binary Planetary Nebula GLMP 621. *A. Riera, P. García-Lario, A. Manchado, O. Suárez, A. García-Hernández, & M. A. Guerrero.* 82
- Sutherland, R. S.** The Dynamical Evolution of Narrow Line Regions (Invited Talk). *M. A. Dopita, G. V. Bicknell, R. S. Sutherland, & C. J. Saxton.* 323
- Szentgyorgyi, A.** The Structure and Dynamics of NGC 246. *A. Szentgyorgyi, J. Franco, L. López-Martín, J. C. Raymond, & E. Villaver.* 84
- Taam, R. E.** Of Wolf-Rayet Central Stars and Common Envelopes. *O. De Marco, E. L. Sandquist, M.-M. Mac Low, F. Herwig, & R. E. Taam.* 34
- Tapia, M.** Near and Mid-Infrared Images of the Massive Star-Forming Complex G 9.62+0.19. *M. Tapia, P. Persi, M. Roth, A. R. Marenzi, L. Testi, & L. Vanzì.* 207
- Tapia, M.** Young Stellar Objects in Gy 2-18 (IRAS 05439+3035). *P. Persi, V. F. Polcaro, M. Tapia, & J. Bohigas.* 143
- Tenorio-Tagle, G.** On the High Metallicity Produced by cSNRs. *A. Rodríguez-González, G. Tenorio-Tagle, & S. A. Silich.* 274
- Testi, L.** Near and Mid-Infrared Images of the Massive Star-Forming Complex G 9.62+0.19. *M. Tapia, P. Persi, M. Roth, A. R. Marenzi, L. Testi, & L. Vanzì.* 207
- Tilanus, R. P. T.** Submillimeter Observations of Cassiopeia A. *L. Loinard, J. Lequeux, R. P. T. Tilanus, & P. O. Lagage.* 267
- Torrelles, J. M.** An Enigmatic, Expanding, Spherical Bubble Ejected from a Young Stellar Object. *J. M. Torrelles, N. A. Patel, J. F. Gómez, P. T. P. Ho, L. F. Rodríguez, G. Anglada, G. Garay, S. Curiel, & J. Cantó.* 100
- Torrelles, J. M.** Modeling the Building Blocks of Water Masers in Cepheus A. *L. Uscanga, J. Cantó, S. Curiel, J. M. Torrelles, & L. F. Rodríguez.* 147
- Torrelles, J. M.** Radio Observations of Disks and Jets in Young, Close Binary Systems. *G. Anglada, L. F. Rodríguez, J. M. Torrelles, R. Estalella, M. T. Beltrán, & P. T. P. Ho.* 97
- Torrelles, J. M.** Evidence for Time Evolution in the Exciting Source of the Expanding Water Maser Bubble in Cepheus A. *A. Porras, L. F. Rodríguez, J. Cantó, S. Curiel, & J. M. Torrelles.* 144
- Townsley, L. K.** Chandra Observations of M 17, the Omega Nebula. *L. Townsley, P. Broos, Y.-H. Chu, E. Feigelson, G. Garmire, K. Getman, & T. Montmerle.* 190
- Trinidad, M. A.** A Study of the Variability of Water Maser Emission in a Sample of YSOs. *M. A. Trinidad, S. Curiel, V. Rojas, J. C. Plascencia, D. González, R. González, L. Uscanga, & V. Forero.* 208
- Uscanga, L.** A Study of the Variability of Water Maser Emission in a Sample of YSOs. *M. A. Trinidad, S. Curiel, V. Rojas, J. C. Plascencia, D. González, R. González, L. Uscanga, & V. Forero.* 208
- Uscanga, L.** Modeling the Building Blocks of Water Masers in Cepheus A. *L. Uscanga, J. Cantó, S. Curiel, J. M. Torrelles, & L. F. Rodríguez.* 147
- Valdez-Gutiérrez, M.** Planetary Nebulae, Bubbles, and Superbubbles: What Can We Learn From Their Kinematics? (Invited Talk). *M. Rosado, L. Arias, M. Valdez-Gutiérrez, & P. Ambrocio-Cruz.* 275
- Van Loo, S.** Non-Thermal Radio Emission from Single Hot Stars. *S. Van Loo.* 230
- Vanzi, L.** Near and Mid-Infrared Images of the Massive Star-Forming Complex G 9.62+0.19. *M. Tapia, P. Persi, M. Roth, A. R. Marenzi, L. Testi, & L. Vanzì.* 207
- Velázquez, P. F.** Effects of Anisotropic Thermal Conduction on X-Ray Emission from SNRs. *P. F. Velázquez, J. J. Martinell, & A. C. Raga.* 246
- Velázquez, P. F.** Entrainment in Herbig-Haro Objects (Invited Talk). *A. C. Raga, P. F. Velázquez, E. M. de Gouveia Dal Pino, A. Noriega-Crespo, & P. Mininni.* 115
- Velázquez, P. F.** The Supernova Remnant 3C 400.2: Kinematics of its Ionized Gas and Theoretical Results. *P. Ambrocio-Cruz, E. de la Fuente, M. Rosado, & P. Velázquez.* 273
- Verma, R. P.** High-Mass Star Formation through Far-Infrared Studies. *R. P. Verma, S. K. Ghosh, & T. N. Rengarajan.* 157

- Villaver, E.** The Structure and Dynamics of NGC 246.
A. Szentgyorgyi, J. Franco, L. López-Martín, J. C. Raymond, & E. Villaver. 84
- Viti, S.** HH Illumination of Clumps within Molecular Clouds (Invited Talk). *D. A. Williams & S. Viti.* 126
- Wallace, B. J.** HI Tails from Molecular Clouds near HD 17603 and Wolf-Rayet 5. *L. B. G. Knee & B. J. Wallace.* 44
- Walters, J. L.** Dynamic Shocks in the Inhomogeneous Environment of the Cygnus Loop (Invited Talk).
N. A. Levenson, J. R. Graham, & J. L. Walters. 252
- Watanabe, T.** The 3-D Kinematics of Water Masers in the W 51A Region. *H. Imai, T. Watanabe, T. Omodaka, M. Nishio, O. Kameya, T. Miyaji, & J. Nakajima.* 202
- Whitaker, R.** Observational Evidence for Triggered Star Formation on Scales of 1 to 300 pc.
S. T. Megeath, B. Biller, T. M. Dame, E. L. Leass, R. Whitaker, & T. L. Wilson. 151
- Wilkin, F. P.** The Interaction of Protostellar Winds with Their Environment. *F. P. Wilkin.* 103
- Williams, D. A.** HH Illumination of Clumps within Molecular Clouds (Invited Talk). *D. A. Williams & S. Viti.* 126
- Williams, J. P.** Dense Molecular Gas Clumps Associated with Clustered Star Formation in the Rosette Molecular Cloud. *C. G. Román-Zúñiga, J. P. Williams, & E. A. Lada.* 206
- Williams, P. M.** Radio emission models of Colliding-Wind Binaries. *S. M. Dougherty, J. M. Pittard, R. Coker, P. M. Williams, L. Kasian, & H. M. Lloyd.* 56
- Williams, R. J. R.** Instabilities in Hot Star Winds.
E. L. Gomez & R. J. R. Williams. 228
- Williams, R. J. R.** Ionization Front Instabilities (Invited Talk). *R. J. R. Williams.* 184
- Wills, K. A.** Large and Small Bubbles in the Messier 82 Starburst (Invited Talk). *A. Pedlar, T. Muxlow, & K. A. Wills.* 303
- Wilson, T. L.** Observational Evidence for Triggered Star Formation on Scales of 1 to 300 pc.
S. T. Megeath, B. Biller, T. M. Dame, E. L. Leass, R. Whitaker, & T. L. Wilson. 151
- Zapata, L. A.** A Subarcsecond Radio Binary Associated with AFGL 4029. *L. A. Zapata, L. F. Rodríguez, & S. E. Kurtz.* 209
- Zavagno, A.** Sequential Formation of Massive Stars at the Periphery of H II Regions. *L. Deharveng, A. Zavagno, J. Caplan, B. Lefloch, L. Salas, A. Porras, & I. Cruz-González.* 160
- Zurita, A.** Observations of Massive Supersonic Outflows in Highly Luminous H II Regions. *M. Relaño, J. E. Beckman, M. Rozas, & A. Zurita.* 205