

Publication List

Josh Eisner

81. “Protoplanetary Disk Properties in the Orion Nebula Cluster: Initial Results from Deep, High-Resolution ALMA Observations”, J.A. Eisner, H.G. Arce, N.P. Ballering, et al., 2018, *Astrophysical Journal*, in press
80. “Multiple Gaps in the Disk of the Class I Protostar GY 91”, P.D. Sheehan & J.A. Eisner, 2018, *Astrophysical Journal*, 857, 18
79. “Disk Masses for Embedded Class I Protostars in the Taurus Molecular Cloud”, P.D. Sheehan & J.A. Eisner, 2017, *Astrophysical Journal*, 851, 45
78. “An Explanation of the Very Low Radio Flux of Young Planet-mass Companions”, Y.-L. Wu, L. M. Close, J.A. Eisner, & P.D. Sheehan, 2017, *Astronomical Journal*, 154, 234
77. “Data Reduction and Image Reconstruction Techniques for Non-Redundant Masking”, S.E. Sallum & J.A. Eisner, 2017, *Astrophysical Journal Supplement Series*, 233, 9
76. “Improved Constraints on the Disk Around MWC 349A from the 23-meter LBTI”, S.E. Sallum, J.A. Eisner, P.M. Hinz, P.D. Sheehan, A.J. Skemer, P.J. Tuthill, & J.S. Young, 2017, *Astrophysical Journal*, 844, 22
75. “WL 17: A Young Embedded Transition Disk”, P.D. Sheehan & J.A. Eisner, 2017, *Astrophysical Journal Letters*, 840, 12
74. “The ALMA View of the OMC1 Explosion in Orion”, J.M. Bally, A. Ginsburg, H. Arce, J.A. Eisner, A. Youngblood, L. Zapata, H. Zinnecker, 2017, *Astrophysical Journal*, 837, 60
73. “A VLA Survey For Faint Compact Radio Sources in the Orion Nebula Cluster”, P.D. Sheehan, J.A. Eisner, R.K. Mann, J.P. Williams, 2016, *Astrophysical Journal*, 831, 155
72. “L-band Spectroscopy with Magellan-AO/Clio2: First Results on Young Low-Mass Companions”, J.M. Stone, J.A. Eisner, A.J. Skemer, K. Morzinski, L. Close, J. Males, T.J. Rodigas, P. Hinz, A. Puglisi, 2016, *Astrophysical Journal*, 829, 39
71. “Prompt planetesimal formation beyond the snow line”, P.J. Armitage, J.A. Eisner, & J.B. Simon, 2016, *Astrophysical Journal Letters*, 828, 2
70. “iLocator: a diffraction-limited Doppler spectrometer for the Large Binocular Telescope”, J.R. Crepp, et al., 2016, *Proc. SPIE*, 9908
69. “Imaging protoplanets: observing transition disks with non-redundant masking”, S.E. Sallum, J.A. Eisner, L. Close, et al., 2016, *Proc. SPIE*, 9907
68. “Protoplanetary Disks in the Orion OMC1 Region Imaged with ALMA”, J.A. Eisner, J.M. Bally, A. Ginsburg, P.D. Sheehan, 2016, *Astrophysical Journal*, 826, 16

67. “Adaptive Optics imaging of VHS 1256-1257: A Low Mass Companion to a Brown Dwarf Binary System”, J.M. Stone, A.J. Skemer, K. Kratter, T. Dupuy, L. Close, J.A. Eisner, J. Fortney, P. Hinz, J. Males, C. Morley, K. Morzinski, K. Ward-Duong, 2016, *Astrophysical Journal Letters*, 818, 12
66. “The LEECH Exoplanet Imaging Survey: Orbit and Component Masses of the Intermediate Age, Late-Type Binary NO UMa”, J. E. Schlieder, et al., 2016, *Astrophysical Journal*, 818, 1
65. “The LEECH Exoplanet Imaging Survey: Characterization of the Coldest Directly Imaged Exoplanet, GJ 504 b, and Evidence for Super-Stellar Metallicity”, A.J. Skemer, et al. 2016, *Astrophysical Journal*, 817, 166
64. “Accreting Protoplanets in the LkCa 15 Transition Disk”, S.E. Sallum, K.B. Follette, J.A. Eisner, et al., 2015, *Nature*, 527, 342
63. “The Early ALMA View of the FU Ori Outburst System”, A.S. Hales, S.A. Corder, W.R.D. Dent, S.M. Andrews, J.A. Eisner, L.A. Cieza, 2015, *Astrophysical Journal*, 812, 134
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61. “ALMA Observations of the Largest Proto-Planetary Disk in the Orion Nebula, 114-426: A CO Silhouette”, J. Bally, R. K. Mann, J.A. Eisner, S.M. Andrews, J. Di Francesco, M. Hughes, D. Johnstone, B. Matthews, L. Ricci, J.P. Williams, 2015, *Astrophysical Journal*, 808, 69
60. “Spectral Energy Distributions of Accreting Protoplanets”, J.A. Eisner, 2015, *Astrophysical Journal Letters*, 803, 4
59. “Protoplanetary Disk Masses in the Young NGC 2024 Cluster”, R.K. Mann, S.M. Andrews, J.A. Eisner, J.P. Williams, M.R. Meyer, J. Di Francesco, J.M. Carpenter, D. Johnstone, 2015, *Astrophysical Journal*, 802, 77
58. “The LEECH Exoplanet Imaging Survey. Further constraints on the planet architecture of the HR 8799 system”, A.-L. Maire, et al., 2015, *Astronomy & Astrophysics*, 576, 133
57. “New Spatially Resolved Observations of the T Cha Transition Disk and Constraints on the Previously Claimed Substellar Companion”, S.E. Sallum, J.A. Eisner, L.M. Close, et al., 2015, *Astrophysical Journal*, 801, 85
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53. “The Inner AU of Protoplanetary Disks: From Visibilities to Spectra to Images”, J.A. Eisner, 2014, *ASP Conference Series*, 487, 65
52. “Variable Accretion Processes in the Young Binary-Star System UY Aur”, J. M. Stone, J.A. Eisner, C. Salyk, C. Kulesa, & D. McCarthy, 2014, *Astrophysical Journal*, 792, 56
51. “Constraining the Disk Masses of the Class I Binary Protostar GV Tau”, P. D. Sheehan & J.A. Eisner, 2014, *Astrophysical Journal*, 791, 19
50. “High contrast imaging at the LBT: the LEECH exoplanet imaging survey”, A.J. Skemer, et. al., 2014, *Proc. SPIE*, 9148, 20
49. “First Faint Dual-field Off-axis Observations in Optical Long Baseline Interferometry”, J. Woillez, P. Wizinowich, R. Akeson, M. Colavita, J. A. Eisner, R. Millan Jordan-Gabet, J. D. Monnier, J.-U. Pott, & S. Ragland, 2014, *Astrophysical Journal*, 783, 104
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45. “Disk Masses at the end of the main accretion phase: CARMA Observations and Multi-Wavelength Modeling of Class I Protostars”, J.A. Eisner, 2012, *Astrophysical Journal*, 755, 23
44. “Disentangling Confused Stars at the Galactic Center with Long Baseline Infrared Interferometry”, J. M. Stone, J.A. Eisner, J.D. Monnier, J. Woillez, P. Wizinowich, J.-U. Pott, & A. M. Ghez, 2012, *Astrophysical Journal*, 754, 151
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36. “First faint dual-field phase-referenced observations on the Keck interferometer”, J. Woillez et al., 2012, *Proc. SPIE*, 8446, 4
35. “Resolving the Sub-AU-Scale Gas and Dust Distribution in FU Orionis Sources”, J.A. Eisner & L.A. Hillenbrand, 2011, *Astrophysical Journal*, 738, 9
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