

Judith G. Cohen

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Astronomical Conference Proceedings

1. Infrared Observations of Globular Clusters in M31 and a Comparison with Galactic Globulars and Elliptical Galaxies, NATO Advanced Study Institute on Globular Clusters, 1978 (with J. Frogel and S. E. Persson).
2. Chemical Properties of Individual Globular Clusters, review talk, *IAU Symposium No. 85: Star Clusters*, ed. J. E. Hesser (Dordrecht:Reidel), August 1979
3. Globular Cluster Giant Branches and the Helium Flash: A Comparison Between Observation and Theory, in *Physical Processes in Red Giants*, eds. I. Iben and A. Renzini (Dordrecht:Reidel), 55, 1981
4. Observed Bolometric Luminosities of Carbon Stars, in *Physical Processes in Red Giants*, eds. I. Iben and A. Renzini (Dordrecht:Reidel), 159, 1981 (with J. A. Frogel, S. E. Persson, and J. H. Elias)
5. The Age-Metallicity Relationship for the Clusters of the Large Magellanic Cloud, J.G.Cohen, in *Astrophysical Parameters for Globular Clusters*, eds. A.G.Davis Philip and D.S.Hayes (L.Davis Press: Schenectady), 229, 1981
6. Observed Bolometric Luminosities of Carbon Stars, J.G.Cohen, in *Physical Processes in Red Giants*, eds. I. Iben and A. Renzini (Dordrecht:Reidel), 159, 1981

7. Current NASA Studies for a Far-Ultraviolet Spectrograph Explorer (FUSE), in *Proceedings of 3rd IUE Conference, Madrid*, May 1982 (with Linsky, Boggess, Bowyer, Caldwell, Cash, Dupree, Green, Jenkins, Jura, Leckrone, Moos, Savage, Shull, Timothy, Wieler, and York)
8. The Globular Cluster System of M87, J.G.Cohen, in *The Harlow Shapley Symposium on Globular Cluster Systems*, ed. J. E. Grindlay and A. G. Davis Philip (Kluwer), 605, 1988
9. The FIGARO Package for Astronomical Image Processing, J.G.Cohen, (invited paper for meeting in Santa Cruz, June 1987), in *Instrumentation for Ground Based Astronomy*, ed. L. B. Robinson (Springer Verlag), 448, 1988.
10. The Norris Spectrograph and Its Fiber Optic Feed, in *ASP Conference Series. Vol. III. Fiber Optics in Astronomy*, 190, 1988 (with J. B. Oke, M. Carr, F. H. Harris, and D. Hamilton).
11. Nova Expansion Parallaxes, J.G.Cohen, in *The Extragalactic Distance Scale*, ed. S. van den Bergh and C.J.Pritchett (ASP Conference Series), 114, 1989
12. Structural Parameters for Globular Clusters in M31, J.G.Cohen, invited paper for CCDs in Astronomy, L. Davis Press, 1990.
13. The Tidal Radii of Globular Clusters in M31, J.G.Cohen & K.C.Freeman, in *The Formation and Evolution of Star Clusters*, ed. K.Janes, ASP Conference Series, 377, 1991
14. The Photometric Accuracy of Astronomical Images Restored with The Memsys3 Code, J.G.Cohen, in *Maximum Entropy and Bayesian Methods*, ed. J.Skilling, (Kluwer), 1990.

15. Baade-Wesselink Distances to M5 and M92, in *Structure and Dynamics of Globular Clusters*, ed. G. Meylan and S. Djorgovski, 309, 1993.
16. Photometry with an Infrared Array of Highly Reddened Galactic Globular Clusters, J.G.Cohen & E.C.Sleeper, in *Infrared Astronomy with Arrays: the Next Generation*, ed. I.S.McLean, Kluwer Academic Publishers, pg. 93,1994
17. The M87 Globular Cluster System, J.G.Cohen, in *Stellar Populations*, IAU Symposium 164, ed. P.C.Van der Kruit and G.Gilmore, 1995, Kluwer, page 441
18. Deep Galaxy Counts in the K-Band with the Keck Telescope, Djorgovski, S., Soifer, B.T., Pahre, M.A., Larkin, J.E., Smith, J.D., Neugebauer, G., Smail, I., Matthews, K., Hogg, D.W., Blandford, R.D. and J. Cohen, 1995, in M. Kafatos (ed.), *Examining the Big Bang and Diffuse Background Radiation*, Proceedings of the IAU Symp. #168, Dordrecht: Kluwer.
19. A Summary of Ongoing Work at the Keck Telescope on Gravitational Lensing and on Distant Galaxies, J.G. Cohen, in ASP Conference Series, Vol. 88, V. Trimble and A. Reisenegger (eds.), *Clusters, Lensing, and the Future of the Universe*, page 68, 1996
20. The Redshift Distribution in the Hubble Deep Field, Hogg, Cohen, Blandford, Shopbell, Cowie, Hu & Songaila, in *HST and the High Redshift Universe*, ed. N.R. Tanvir, A. Aragon-Salamance, & J.V. Wall, 1997, World Scientific, pages 147.
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23. The Extremely Red Objects Found Thus Far in the Caltech Faint Galaxy Redshift Survey, J.G.Cohen, D.W.Hogg, R.Blandford, M.A.Pahre & P.L.Shopbell, in *Astrophysics With Infrared Surveys: A Prelude to SIRTf* (ASP Conf Series), ed. M.D.Bicay, C.A.Beichman, R.M.Cutri & B.F.Madore, 47, 1999
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29. Chemical Abundance Inhomogeneities in Globular Cluster Stars, J.G.Cohen, invited talk, *ESO/Arcetri Workshop Chemical Abundances and Mixing in Stars in the Milky Way and Its Satellites*, ed. Springer Verlag,

30. Magnesium Isotopes in Halo Stars Jorge Melendez & Judith G. Cohen, in *Proceedings, First Stars III*, July 16-20, 2007, Santa Fe
31. An Update on the OZ Project, J.G.Cohen, N.Christlieb, A. McWilliam, S. Shectman, I. Thompson, *First Stars III*, ed. B. O’Shea, A. Heger & T.Abel, 2007
32. Abundances in Galactic Bulge Dwarfs and the Origin of the Elements in the Bulge, 2008, *Nuclei in the Cosmos*, Johnson, Gould, Gaudi, Cohen, Huang...., *Proceedings of Science*
33. Globular Cluster Elemental And Isotopic Abundances, J.G.Cohen, invited review talk, KITP Conference, *Formation and Evolution of Globular Clusters*, Jan 12-16, 2009, on line proceedings only
34. AAS, invited talk, June 2009, Pasadena, Ca Going, Going, Gone: The Formation of the Galactic Halo
35. Globular Clusters and what they can tell us about galaxy formation, J.G.Cohen, invited talk, IAU, Symposium 266, Rio de Janeiro, Brazil, *Star Clusters - Basic Galactic Building Blocks through time and Space*, Aug 2009, proceedings to be published by Cambridge University Press, ed. R. de Grijs & J.R.D. Lepine
36. The Chemical Evolution of the Draco and Ursa Minor Dwarf Spheroidal Galaxies, J.G.Cohen, Invited talk Heidelberg Germany, Sep 2009 *The Milky Way and the Local Group - Now and in the Gaia Era*. (on line proceedings only)

Judith G. Cohen

Oct. 2010

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Judith G. Cohen

Oct. 2010

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1. A Multiple-Object Fiber Optics Spectrograph Feed for the Hale Telescope, 1981, Cohen, J.G., Goss, W.C. & Tubbs, E.F., SPIE, 331, 289, ed. D. L. Crawford
2. The Low Resolution Imaging Spectrometer for the Keck Telescope, 1994, J.B.Oke, J.G.Cohen, M.Carr, A.Dingizian, F.Harris, R.Lucinio, S.Labrecque, W.Schaal, and S.Southard Jr., Proc. SPIE, 2198, 178
3. Remote Observing with the Keck Telescope from California using NASA's ACTS Satellite, 1997, P.L. Shopbell, J.G.Cohen and L.Bergman, SPIE Proceedings, 3112, 209
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5. The Deep Lens Survey, 2002, Wittman et al, SPIE, 4836, *Survey and other telescope technologies and discoveries*, ed J.A.Tyson & S.C.Woolf, pg 73-82
6. Imaging Mass in 3 Dimensions, 2002, Wittman, Margoniner, Tyson, Cohen, Becker & Dell'Antonio, SPIE, 4836, *Survey and other telescope technologies and discoveries*, ed J.A.Tyson & S.C.Woolf, pg 21-28

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Judith G. Cohen

Oct. 2010

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2. The Software for the LRIS on the Keck 10–Meter Telescope, 1994, J.G.Cohen, J.L.Cromer, S. Southard Jr. & D.Clowe, *Astronomical Data Analysis Software and Systems III*, ed. D.R.Crabtree, R.J.Hanisch & J.Barnes, PASP Conference Series **61**, 469
3. A High Speed Network for Remote Observing From Caltech With the Keck Telescope, 1995, J.G. Cohen, L. Bergman & P.L. Shopbell, *Astronomical Data Analysis Software and Systems IV*, ed. R.A.Shaw, H.E.Payne & J.J.E.Hayes, PASP Conference Series **77**

Judith G. Cohen

Oct. 2010

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2. IAU Circular 6631 (GRB 970228) April 18, 1997 M. Metzger, J. Cohen, S. Kulkarni, et al.
3. IAU Circular 6676 (GRB 970508) June 6, 1997, M.R. Metzger, J.G. Cohen, F.H. Chaffee & R.D.Blandford

Judith G. Cohen

Oct. 2010

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2. book review of *Stellar Populations*, eds. C. A. Norman, A. Renzini, and M. Tosi, in *Science*, **237**, 1626, September 25, 1987.
3. PDOS in Astronomy, J.G. Cohen & J.L.Cromer, *PDOS*; 8; 37; 1990
4. Looking Backward while Leaping Forward: Optical Technologies and Discoveries, abstract for invited talk at Atlanta APS meeting (3/1999), *Bulletin of the American Physical Society*, 44, 982, 1999
5. Assortment in the Galaxy, J.G.Cohen, *Nature - News and Views*, 2009, *Nature*, 462, 421