

REFEREED PUBLICATIONS

1. "Strong Electromagnetic Waves in Overdense Plasmas," C. Max and F. Perkins. *Phys. Rev. Letters*, **27**, 1342–1345, 1971.
2. "Instability of a Relativistically Strong Electromagnetic Wave of Circular Polarization," C. Max and F. Perkins. *Phys. Rev. Letters*, **29**, 1731–1734, 1972.
3. "Steady-state solutions for relativistically strong electromagnetic waves in plasmas," C.E. Max. *Phys. Fluids*, **16**, 1277–1288, 1973.
4. "Parametric instability of a relativistically strong electromagnetic wave," C.E. Max. *Phys. Fluids*, **16**, 1480–1489, 1973.
5. "Self-Modulation and Self-Focusing of Electromagnetic Waves in Plasmas," C.E. Max, J. Arons and A.B. Langdon. *Phys. Rev. Letters*, **33**, 209–212, 1974.
6. "Self-precession and frequency shift for electromagnetic waves in homogeneous plasmas," J. Arons and C.E. Max. *Phys. Fluids*, **17**, 1983–1994, 1974.
7. "Hydromagnetic Waves in Molecular Clouds," J. Arons and C.E. Max. *ApJL*, **196**, L77, 1975.
8. "Magnetic Fields Due to Resonance Absorption of Laser Light," J.J. Thomson, C.E. Max and K. Estabrook. *Phys. Rev. Letters*, **35**, 663–667, 1975.
9. "Simulation of laser beat heating of a plasma," B.I. Cohen, M.A. Mostrom, D.R. Nicholson, A.N. Kaufman, C.E. Max and A.B. Langdon. *Phys. Fluids*, **18**, 470–474, 1975.
10. "Mechanisms of the plasma spatial filter for high-power lasers," C.E. Max, W.C. Mead and J.J. Thomson. *Applied Physics Letters*, **29**, 783–785, 1976.
11. "Absorption of Focused Light by Spherical Plasmas," J.J. Thomson, C.E. Max, J. Erkkila and J.E. Tull. *Phys. Rev. Letters*, **37**, 1052–1056, 1976.
12. "Strong self-focusing due to the ponderomotive force in plasmas," C.E. Max. *Phys. Fluids*, **19**, 74–77, 1976.
13. "Polarization-dependent absorption of laser radiation incident on dense-plasma planar targets," J.S. Pearlman, J.J. Thomson and C.E. Max. *Phys. Rev. Letters*, **38**, 1397–1400, 1977.
14. "Effects of flow on density profiles in laser-irradiated plasmas," C.E. Max and C.F. McKee. *Phys. Rev. Letters*, **39**, 1336–1339, 1977.
15. "Electromagnetic parametric instabilities in an ultrarelativistic plasma," J. Arons, C.A. Norman and C.E. Max. *Phys. Fluids*, **20**, 1302–1310, 1977.
16. "Enhanced transport across laser generated magnetic fields," C.E. Max, J.J. Thomson and W.M. Manheimer. *Phys. Fluids*, **21**, 128–139, 1978.

17. "Theoretical interpretation of angle- and polarization-dependent laser light absorption measurements," J.J. Thomson, W.L. Kruer, A.B. Langdon, C.E. Max and W.C. Mead. *Phys. Fluids*, **21**, 707, 1978.
18. "Effects of high-frequency fields on plasma transport coefficients," I.B. Bernstein, C.E. Max and J.J. Thomson. *Phys. Fluids*, **21**, 905–914, 1978.
19. "Cross field thermal transport due to ion acoustic waves in weakly magnetized plasmas," W.M. Manheimer, C.E. Max and J. Thomson. *Phys. Fluids*, **21**, 2009–2013, 1978.
20. "Stimulated scattering of light by ion modes in a homogeneous plasma—Space-time evolution," B.I. Cohen and C.E. Max. *Phys. Fluids*, **22**, 1115–1132, 1979.
21. "Scaling of ablative laser-fusion implosions," C.E. Max, W.C. Mead and C.F. McKee. *Phys. Rev. Letters*, **45**, 28–31, 1980.
22. "Effect of flux-limited thermal conduction of the jump conditions of the laser-plasma critical surface," F.J. Mayer, R.L. Berger and C.E. Max. *Phys. Fluids*, **23**, 1244–1249, 1980.
23. "A model for laser driven ablative implosions," C.E. Max, W.C. Mead and C.F. McKee. *Phys. Fluids*, **23**, 1620–1645, 1980.
24. "Wavelength Scaling in Laser Fusion from a Plasma-Physics Viewpoint," C.E. Max and K.G. Estabrook. *Comment on Plasma Physics and Controlled Fusion*, **5**, 239, 1980.
25. "Laser-plasma interactions at 0.53 μm for disk targets of varying-Z," W.C. Mead, E.M. Campbell, K.G. Estabrook, R.E. Turner, W.L. Kruer, P.H.Y. Lee, B. Pruett, V.C. Rupert, K.G. Tirsell, G.L. Stradling, F. Ze, C.E. Max and M.D. Rosen. *Phys. Rev. Letters*, **47**, 1289–1292, 1981.
26. "Laser-wavelength dependence of mass-ablation rate and heat-flux inhibition in laser-produced plasmas," R. Fabbro, E. Fabre, F. Amiranoff, C. Garban-Labaune, J. Virmont, M. Weinfeld and C.E. Max. *Physical Review A*, **26**, 2289–2292, 1982.
27. "Effect of Laser Wavelength and Pulse Duration on Laser-Light Absorption and Back Reflection," C. Garban-Labaune, E. Fabre, C.E. Max, R. Fabbro, F. Amiranoff, J. Virmont, M. Weinfeld and A. Michard. *Phys. Rev. Letters*, **48**, 1018–1021, 1982.
28. "Stimulated Brillouin scattering in an inhomogeneous plasma with broad-bandwidth thermal noise," A. Ramani and C.E. Max. *Phys. Fluids*, **26**, 1079–1102, 1983.
29. "Laser irradiation of disk targets at 0.53 μm wavelength," W.C. Mead, E.M. Campbell, K. Estabrook, R.E. Turner, W.L. Kruer, P.H.Y. Lee, B. Pruett, V.C. Rupert, K.G. Tirsell, G.L. Stradling, F. Ze, C.E. Max, M.D. Rosen and B.F. Lasinski. *Phys. Fluids*, **26**, 2316–2331, 1983.
30. "Effect of Symmetry Requirements on the Wavelength Scaling of Directly Drive Laser Fusion Implosions," C.E. Max, J.D. Lindl and W.C. Mead. *Nuclear Fusion*, **23**, 131, 1983.
31. "Characteristics of lateral and axial transport in laser irradiations of layered-disk targets at 1.06 and 0.35 μm wavelengths," W.C. Mead, E.M. Campbell, W.L. Kruer, R.E. Turner,

- C.W. Hatcher, D.S. Bailey, P.H.Y. Lee, J. Foster, K.G. Tirsell, B. Pruett, N.C. Holmes, J.T. Trainor, G.L. Stradling, B.F. Lasinski, C.E. Max et. al. *Phys. Fluids*, **27**, 1301–1326, 1984.
32. “Planar laser-driven ablation: Effect of inhibited electron thermal conduction,” R. Fabbro, C. Max and E. Fabre. *Phys. Fluids*, **28**, 1463–1481, 1985.
33. “Experimental results and theoretical analysis of the effect of wavelength on absorption and hot-electron generation in laser-plasma interaction,” C. Garban-Labaune, E. Fabre, C. Max, F. Amiranoff, R. Fabbro, J. Virmont and W.C. Mead. *Phys. Fluids*, **28**, 2580–2590, 1985.
34. “Structure of relativistic magnetosonic shocks in electron-positron plasmas,” A.B. Langdon, J. Arons and C.E. Max. *Phys. Rev. Letters*, **61**, 779–782, 1988.
35. “New regimes of magnetic reconnection in collisionless plasmas,” D.W. Hewett, G.E. Frances and C.E. Max. *Phys. Rev. Letters*, **61**, 893–896, 1988.
36. “The long-time evolution of a low-density ion beam,” A.L. Zachary, B.I. Cohen, C.E. Max and J. Arons. *Journal of Geophysical Research*, **94**, 2443–2458, 1989.
37. “Particle distributions in collisionless magnetic reconnection - an implicit PIC description,” D.W. Hewett, G.E. Francis and C.E. Max. *Advances in Space Research*, **11**, 193–201, 1991.
38. “Computer simulation of astrophysical plasmas,” C.E. Max. *Computers in Physics*, **5**, 152–162, 1991.
39. “Relativistic, perpendicular shocks in electron-positron plasmas,” Y.A. Gallant, M. Hoshino, A.B. Langdon, J. Arons and C.E. Max. *ApJ*, **391**, 73–
40. “Tip-tilt compensation - Resolution limits for ground-based telescopes using laser guide star adaptive optics,” S.S. Olivier, C.E. Max, D.T. Gavel and J.M. Brase. *ApJ*, **407**, 428–439, 1993.
41. “Atmospheric-turbulence compensation by resonant optical backscattering from the sodium layer in the upper atmosphere,” W. Happer, G.J. MacDonald, C.E. Max and F.J. Dyson. *Optical Society of America Journal A*, **11**, 263–276, 1994.
42. “Design, layout, and early results of a feasibility experiment for sodium-layer laser-guide-star adaptive optics,” C.E. Max, K. Avicola, J.M. Brase, H.W. Friedman, H.D. Bissinger, J. Duff, D.T. Gavel, J.A. Horton, R. Kiefer, J.R. Morris, S.S. Olivier, R.W. Presta, D.A. Rapp, J.T. Salmon and K.E. Waltjen. *Optical Society of America Journal A*, **11**, 813–824, 1994.
43. “Sodium-layer laser-guide-star experimental results,” K. Avicola, J.M. Brase, J.R. Morris, H.D. Bissinger, J.M. Duff, H.W. Friedman, D.T. Gavel, C.E. Max, S.S. Olivier, R.W. Presta, D.A. Rapp, J.T. Salmon and K.E. Waltjen. *Optical Society of America Journal A*, **11**, 825–831, 1994.
44. “Image Improvement from a Sodium-Layer Laser Guide Star Adaptive Optics System,” C.E. Max, S.S. Olivier, H.W. Friedman, J. An, K. Avicola, B.V. Beeman, H.D. Bissinger,

- J.M. Brase, G.V. Erbert, D.T. Gavel, K. Kanz, M.C. Liu, B. Macintosh, K.P. Neeb, J. Patience and K.E. Waltjen. *Science*, **277**, 1649–1652, 1997.
45. “Titan: High-Resolution Speckle Images from the Keck Telescope,” S.G. Gibbard, B. Macintosh, D. Gavel, C.E. Max, I. de Pater, A.M. Ghez, E.F. Young and C.P. McKay. *Icarus*, **139**, 189–201, 1999.
46. “First Light Adaptive Optics Images from the Keck II Telescope: A New Era of High Angular Resolution Imagery,” P. Wizinowich, D.S. Acton, C. Shelton, P. Stomski, J. Gathright, K. Ho, W. Lupton, K. Tsubota, O. Lai, C. Max, J. Brase, J. An, K. Avicola, S. Olivier, D. Gavel, B. Macintosh, A. Ghez and J. Larkin. *PASP*, **112**, 315–319, 2000.
47. “Near-Infrared Observations of Neptune’s Tropospheric Cloud Layer with the Lick Observatory Adaptive Optics System,” H.G. Roe, D. Gavel, C. Max, I. de Pater, S. Gibbard, B. Macintosh and K.H. Baines. *AJ*, **122**, 1636–1643, 2001.
48. “Stellar Companions to Stars with Planets,” J. Patience, R.J. White, A.M. Ghez, C. McCabe, I.S. McLean, J.E. Larkin, L. Prato, S.S. Kim, J.P. Lloyd, M.C. Liu, J.R. Graham, B.A. Macintosh, D.T. Gavel, C.E. Max, B.J. Bauman, S.S. Olivier, P. Wizinowich and D.S. Acton. *ApJ*, **581**, 654–665, 2002.
49. “High-Resolution Infrared Imaging of Neptune from the Keck Telescope,” S.G. Gibbard, H. Roe, I. de Pater, B. Macintosh, D. Gavel, C.E. Max, K.H. Baines and A. Ghez. *Icarus*, **156**, 1–15, 2002.
50. “NOTE: Titan’s Atmosphere in Late Southern Spring Observed with Adaptive Optics on the W.M. Keck II 10-Meter Telescope,” H.G. Roe, I. de Pater, B.A. Macintosh, S.G. Gibbard, C.E. Max and C.P. McKay. *Icarus*, **157**, 254–258, 2002.
51. “Keck Adaptive Optics Images of Uranus and Its Rings,” I. de Pater, S.G. Gibbard, B.A. Macintosh, H.G. Roe, D.T. Gavel and C.E. Max. *Icarus*, **160**, 359–374, 2002.
52. “Cloud Structures on Neptune Observed with Keck Telescope Adaptive Optics,” C.E. Max, B.A. Macintosh, S.G. Gibbard, D.T. Gavel, H.G. Roe, I. de Pater, A.M. Ghez, D.S. Acton, O. Lai, P. Stomski and P.L. Wizinowich. *AJ*, **125**, 364–375, 2003.
53. “Circumnuclear Shock and Starburst in NGC 6240: Near-Infrared Imaging and Spectroscopy with Adaptive Optics,” T. Bogdanovic, J. Ge, C.E. Max and L.M. Raschke. *AJ*, **126**, 2299–2306, 2003.
54. “Adaptive Optics Imaging and Spectroscopy of Cygnus A. I. Evidence for a Minor Merger,” G. Canalizo, C. Max, D. Whysong, R. Antonucci and S.E. Dahm. *ApJ*, **597**, 823–831, 2003.
55. “Speckle imaging of volcanic hotspots on Io with the Keck telescope,” B.A. Macintosh, D. Gavel, S.G. Gibbard, C.E. Max, M. Eckart, I. de Pater, A.M. Ghez and J. Spencer. *Icarus*, **165**, 137–143, 2003.

56. "The altitude of Neptune cloud features from high-spatial-resolution near-infrared spectra," S.G. Gibbard, I. de Pater, H.G. Roe, S. Martin, B.A. Macintosh and C.E. Max. *Icarus*, **166**, 359–374, 2003.
57. "Titan's 2 μm surface albedo and haze optical depth in 1996–2004," S.G. Gibbard, I. de Pater, B.A. Macintosh, H.G. Roe, C.E. Max, E.F. Young and C.P. McKay. *Geophysical Research Letters*, **31**, 2004.
58. "A new 1.6-micron map of Titan's surface," H.G. Roe, I. de Pater, S.G. Gibbard, B.A. Macintosh, C.E. Max, E.F. Young, M.E. Brown and A.H. Bouchez. *Geophysical Research Letters*, **31**, 2004.
59. "Speckle imaging of Titan at 2 microns: surface albedo, haze optical depth, and tropospheric clouds 1996–1998," S.G. Gibbard, B. Macintosh, D. Gavel, C.E. Max, I. de Pater, H.G. Roe, A.M. Ghez, E.F. Young and C.P. McKay. *Icarus*, **169**, 429–439, 2004.
60. "Laser Guide Star Adaptive Optics Imaging Polarimetry of Herbig Ae/Be Stars," M.D. Perrin, J.R. Graham, P. Kalas, J.P. Lloyd, C.E. Max, D.T. Gavel, D.M. Pennington and E.L. Gates. *Science*, **303**, 1345–1348, 2004.
61. "The Core of NGC 6240 from Keck Adaptive Optics and Hubble Space Telescope NICMOS Observations," C.E. Max, G. Canalizo, B.A. Macintosh, L. Raschke, D. Whysong, R. Antonucci and G. Schneider. *ApJ*, **621**, 738–749, 2005.
62. "Merging Galaxies in GOODS-S: First Extragalactic Results from Keck Laser Adaptive Optics," J. Melbourne, S.A. Wright, M. Barczys, A.H. Bouchez, J. Chin, M.A. van Dam, S. Hartman, E. Johansson, D.C. Koo, R. Lafon, J. Larkin, D. Le Mignant, J. Lotz, C.E. Max, D.M. Pennington, P.J. Stomski, D. Summers and P.L. Wizinowich. *ApJ Letters*, **625**, L27–L30, 2005.
63. "Geometric view of adaptive optics control," D.M. Wiberg, C.E. Max and D.T. Gavel. *Optical Society of America Journal A*, **22**, 870–880, 2005.
64. "The W.M. Keck Observatory Laser Guide Star Adaptive Optics System: Overview," P.L. Wizinowich, D. Le Mignant, A.H. Bouchez, R.D. Campbell, J.C.Y. Chin, A.R. Contos, M.A. van Dam, S.K. Hartman, E.M. Johansson, R.E. Lafon, H. Lewis, P.J. Stomski, D.M. Summers, C.G. Brown, P.M. Danforth, C.E. Max and D.M. Pennington. *PASP*, **118**, 297–309, 2006.
65. "Circumnuclear Star Clusters in the Galaxy Merger NGC 6240, Observed with Keck Adaptive Optics and the *Hubble Space Telescope*," L.K. Pollack, C.E. Max and G. Schneider. *ApJ*, **660**, 288–300, 2007.
66. "Rest-Frame R-band Light Curve of a $Z \sim 1.3$ Supernova Obtained with Keck Laser Adaptive Optics," J. Melbourne, K.S. Dawson, D.C. Koo, C. Max, J.E. Larkin, S.A. Wright, E. Steinbring, M. Barczys, G. Aldering, K. Barbary, M. Doi, V. Fadeyev, G. Goldhaber, T. Hattori, Y. Ihara, N. Kashikawa, K. Konishi, M. Kowalski, N. Kuznetsova, C. Lidman, T. Morokuma, S. Perlmutter, D. Rubin, D.J. Schlegel, A.L. Spadafora, N. Takanashi and N. Yasuda. *AJ*, **133**, 2709–2715, 2007.

67. "Locating the Two Black Holes in NGC 6240," C.E. Max, G. Canalizo and W.H. de Vries. *Science*, **316**, 1877–1880, 2007.
68. "Superresolving Distant Galaxies with Gravitational Telescopes: Keck Laser Guide Star Adaptive Optics and *Hubble Space Telescope* Imaging of the Lens System SDSS J0737+3216," P.J. Marshall, T. Treu, J. Melbourne, R. Gavazzi, K. Bundy, S.M. Ammons, A.S. Bolton, S. Burles, J.E. Larkin, D. Le Mignant, D.C. Koo, L.V.E. Koopmans, C.E. Max, L.A. Moustakas, E. Steinbring and S.A. Wright. *ApJ*, **671**, 1196–1211, 2007.
69. "Triggered or Self-Regulated Star Formation within Intermediate Redshift Luminous Infrared Galaxies. I. Morphologies and Spectral Energy Distributions," J. Melbourne, M. Ammons, S.A. Wright, A. Metevier, E. Steinbring, C. Max, D.C. Koo, J.E. Larkin and M. Barczys. *AJ*, **135**, 1207–1224, 2008.
70. "CATS: Optical to Near-Infrared Colors of the Bulge and Disk of Two $z = 0.7$ Galaxies Using *Hubble Space Telescope* and Keck Laser Adaptive Optics Imaging," E. Steinbring, J. Melbourne, A.J. Metevier, D.C. Koo, M.R. Chun, L. Simard, J.E. Larkin and C.E. Max. *AJ*, **136**, 1523–1532, 2008.
71. "Spatially Resolved Stellar Populations of Eight Goods-South Active Galactic Nuclei at $z \sim 1$," S.M. Ammons, J. Melbourne, C.E. Max, D.C. Koo and D.J.V. Rosario. *AJ*, **137**, 470–497, 2009.
72. "Integrated Laboratory Demonstrations of Multi-Object Adaptive Optics on a Simulated 10-Meter Telescope at Visible Wavelengths," Ammons, S. Mark; Johnson, Luke; Laag, Edward A.; Kupke, Renate; Gavel, Donald T.; Bauman, Brian J.; Max, Claire E., *Publ. Astron. Soc. Pacific*, **122**, 573, 2010.
73. "The Asymptotic Giant Branch and the Tip of the Red Giant Branch as Probes of Star Formation History: The Nearby Dwarf Irregular Galaxy KKH 98," Melbourne, J.; Williams, B.; Dalcanton, J.; Ammons, S. M.; Max, C.; Koo, D. C.; Girardi, Leo; Dolphin, A., *ApJ*, **712**, 469, 2010.
74. "NGC 6240: merger-induced star formation and gas dynamics," Engel, H.; Davies, R. I.; Genzel, R.; Tacconi, L. J.; Hicks, E. K. S.; Sturm, E.; Naab, T.; Johansson, P. H.; Karl, S. J.; Max, C. E.; Medling, A.; van der Werf, P. P., *A&A*, **524**, A56, 2010.
75. "Spatially Resolved Spectroscopy of SDSS J0952+2552: A Confirmed Dual Active Galactic Nucleus," McGurk, R. C.; Max, C. E.; Rosario, D. J.; Shields, G. A.; Smith, K. L.; Wright, S. A., *ApJ*, **738**, L2, 2011.
76. "Adaptive Optics Imaging of Quasi-stellar Objects with Double-peaked Narrow Lines: Are They Dual Active Galactic Nuclei?" Rosario, D. J.; McGurk, R. C.; Max, C. E.; Shields, G. A.; Smith, K. L.; Ammons, S. M., *ApJ*, **739**, 44, 2011.
77. "AGN Unification at $z \sim 1$: u - R Colors and Gradients in X-Ray AGN Hosts," Ammons, S. M.; Rosario, D. J. V.; Koo, D. C.; Dutton, A. A.; Melbourne, J.; Max, C. E.; Mozena, M.; Kocevski, D. D.; McGrath, E. J.; Bouwens, R. J.; Magee, D. K., *ApJ*, **740**, 3, 2011.

Claire E. Max - Publication List

78. "Mass of the Southern Black Hole in NGC 6240 from Laser Guide Star Adaptive Optics," A. M. Medling, S. M. Ammons, C. E. Max, R. I. Davies, H. Engel, & G. Canalizo, *ApJ*, 743, 32, 2011.
79. "Chandra, Keck and VLA Observations of the Crab Nebula during the 2011-April Gamma-ray Flare," Weisskopf, M.C., A.F. Tennant, R. Blandford, R. Buehler, P. Caraveo, C.C.T. Cheung, E. Costa, A. de Luca, C. Ferrigno, H. Fu, S. Funk, M. Habermehl, D. Horns, J.D. Linford, A. Lobanov, C. Max, R. Mignani, S.L. O'Dell, R.W. Romani, E. Striani, M. Tavani, G.B. Taylor, Y. Uchiyama, Y. Yuan, *ApJ*, 765, 56, 2013.
80. "The Inner Kiloparsec of Mrk 273 with Keck Adaptive Optics," U, Vivian; Medling, Anne; Sanders, David; Max, Claire; Armus, Lee; Iwasawa, Kazushi; Evans, Aaron; Kewley, Lisa; Fazio, Giovanni, 2013, *ApJ*, 775, 115.
81. "Fast and Furious: Shock Heated Gas as the Origin of Spatially Resolved Hard X-ray Emission in the Central 5 kpc of the Galaxy Merger NGC 6240," Wang, Junfeng; Nardini, Emanuele; Fabbiano, Giuseppina; Karovska, Margarita; Elvis, Martin; Pellegrini, Silvia; Max, Claire; Risaliti, Guido; U, Vivian; Zezas, Andreas, 2014, *ApJ*, 781, 55.
82. "Stellar and Gaseous Nuclear Disks Observed in Nearby (U)LIRGs," Anne M. Medling, Vivian U, Javiera Guedes, Claire E. Max, Lucio Mayer, Lee Armus, Bradford Holden, Rok Roškar, David Sanders, 2014, accepted for publication in *ApJ*.

BOOKS

1. "Relativistic Electromagnetic Waves in Plasmas," C.E. Max. Ph.D. Dissertation, Astrophysics, Princeton University, 1972.
2. Particle Acceleration Mechanisms in Astrophysics, Proceedings of the Workshop on particle acceleration mechanisms in astrophysics, La Jolla, Calif., January 3–5, 1979, AIP Conference Proceedings, no. 56, eds. J. Arons, C. McKee and C. Max (New York: American Institute of Physics), 1979.
3. *Adaptive Optics Systems, Proc. SPIE Vol. 7015*, eds. N. Hubin, C.E. Max and P.L. Wizinowich (Bellingham: SPIE), 2008.

BOOK CHAPTERS

1. "Career Paths for Women in Physics," C.E. Max. In: *Women and Minorities in Science: Strategies for Increasing Participation*, Based on January 1980 AAAS symposium, San Francisco, California, ed. S.M. Humphreys (Boulder, CO: Westview Press), 1982.
2. "Limitations and Expected Performance of Adaptive Optics at Keck," C.E. Max, D.T. Gavel, S.S. Olivier, and J. Brase. In: *Adaptive Optics for the Keck Observatory, Keck Observatory Report 208*, eds. G. Chanan, G. Djorgovski, A. Gleckler, S. Kulkarni, T. Mast, C. Max, J. Nelson and P. Wizinowich (W.M. Keck Observatory), 146 pages.

3. “Physics of the Coronal Plasma in Laser Fusion Targets,” C.E. Max. In: *Laser-Plasma Interaction, Proceedings of the Les Houches Summer School, Session 34*, eds. R. Balian and J.C. Adam (Amsterdam: North-Holland), 304–411, 1982.
4. “Laser Guide Star Operational Issues,” C.E. Max. In: *Laser Guide Star Adaptive Optics for Astronomy*, Invited lectures from NATO Summer School, Cargese, Corsica, eds. N. Ageorges and C. Dainty (Dordrecht: Kluwer Academic Publishers), 89–106, 2000.

BOOK REVIEWS

Review of “The Adaptive Optics Revolution: A History” by Robert W. Duffner, *Journal for the History of Astronomy*, 43, 370, 2012.