

Roger F. Malina

Titres et Travaux au 9 Decembre 2009

Livres

Extreme Ultraviolet Astronomy, ed. R. F. Malina and S. Bowyer, New York: Pergamon Press, 1991.

Astrophysics in the Extreme Ultraviolet, ed. S. Bowyer and R.F. Malina. Kluwer Academic Publishers, the Netherlands, 1996.

Publications dans revue a referee rang A :

1974

Optical and X-ray Observations of 3U0614+09 (A. Davidsen, R.F. Malina, H. Smith, H. Spinrad, B. Margon, K. Mason, F. Hawkins and P. Sanford). Ap. J., 193, L25, 1974.

1975

A Sensitive Search for Soft X-rays from Arcturus and Procyon (R. Cruddace, S. Bowyer, R.F. Malina, B. Margon and M. Lampton). Ap. J., 202, L9, 1975.

1976

An Ultrasoft X-ray Source in Coma Berenices (B. Margon, R.F. Malina, S. Bowyer, R. Cruddace and M. Lampton). Ap. J., 203, L25, 1976.

An Observation of the Diffuse Very Soft X-ray Background (W. Cash, R.F. Malina and R. Stern). Ap. J., 204, L7, 1976.

The Optical Counterpart of GX 1+4.(Davidsen, A.; Malina, R.; Bowyer, S.), Publ. Astron. Soc. Pac., 88, 606,1976.

A Search for Optical Counterparts of Nine Galactic X-ray Sources, (A. Davidsen, R.F. Malina and S. Bowyer). Ap. J., 203, 448, 1976.

Soft X-ray Profile and Spectrum of the Supernova Remnant IC 443 (Malina, S. Bowyer and M. Lampton). Ap. J., 207, 894, 1976.

Soft X-ray Morphology of the Virgo, Coma and Perseus Clusters of Galaxies, (R.F. Malina, M. Lampton and S. Bowyer), Ap. J., 209, 678, 1976.

Soft X-ray Map of the Perseus Cluster of Galaxies, (W. Cash, R.F. Malina and R. Wolff.), Ap. J., 209, L111, 1976.

The Quadrant Anode Image Sensor (M. Lampton and R.F. Malina). *Rev. Sci. Instrum.*, 47 (11), 1360,

1976.

1977

The Optical Counterpart of GX1+4: A Symbiotic Star (A. Davidsen, R.F. Malina and S. Bowyer). *Ap. J.*, 211, 866, 1977.

1978

Soft X-ray Spectra of the Coma and Perseus Clusters: Constraints on the Models (R.F. Malina, S. Lea, M. Lampton and S. Bowyer), *Ap. J.*, 219, 795, 1978.

Fabrication and performance of the Berkeley extreme-ultraviolet stellar spectrometer, Malina, R. F., Bowyer, S., *J. Opt. Soc. Am.*, vol. 68, 1430, 1978.

Extreme Ultraviolet Reflection Efficiencies of Diamond Turned Aluminum, Polished Nickel and Evaporated Gold Surfaces, (Malina, R., Cash, W.), *Applied Optics*, 17, 3309, 1977.

1979

A Continuous Discharge Penning Source with Emission Lines between 50 and 300 Å. (Finley, D., S. Bowyer, S., Paresce, F., and R.F. Malina), *Applied Optics*, 18, 649, 1979.

1980

Wolter-Schwarzschild Optics for the Extreme Ultraviolet: The Berkeley Stellar Spectrometer and the EUV Explorer (R.F. Malina, S. Bowyer, D. Finley and W. Cash). *Optical Engineering*, 19, 211, 1980

1981

Wedge-and-Strip Anodes for Centroid-Finding Position-Sensitive Photon and Particle Detectors (C. Martin, P. Jelinsky, M. Lampton, R.F. Malina and H.O. Anger). *Rev. Sci. Instrum.*, 52 (7), 1067, 1981.

1982

Extreme-Ultraviolet Spectrophotometry of the Hot White Dwarf HZ 43: Detection of Helium II in the Stellar Atmosphere (R.F. Malina, S. Bowyer and G. Basri). *Ap. J.*, 262, 717, 1982.

The Extreme Ultraviolet Explorer. (Malina, S. Bowyer, M. Lampton, D. Finley, F. Paresce, G. Penegor and H. Heetderks). *Optical Engineering*, 21 (4), 764, 1982

Optimization of the Performance of a Tandem Microchannel Plate Detector as a Function of Interplate Spacing and Voltage (D. Rogers and R.F. Malina). *Rev. Sci. Instrum.*, 53 (9), 1438, 1982.

1983

Maximizing the Quantum Efficiency of Microchannel Plate Detectors: The Collection of Photoelectrons from the Interchannel Web Using an Electric Field (C.T. Taylor, M.C. Hettrick and R.F. Malina). *Rev. Sci. Instrum.*, 54 (2), 171, 1983

1984

Astronomical Observations with the FAUST Telescope on Spacelab One. Bixler, S. Bowyer, J.M. Deharveng, G. Courtes, R.F. Malina, C. Martin and M. Lampton). *Science*, 225, 184, 1984.

Proposed Design Class of Grazing Incidence Echelle Spectrometers: Critical Analysis and Re-Evaluation (M.C. Hettrick, P. Jelinsky, S. Bowyer and R.F. Malina). *Applied Optics*, 23, 4058, 1984.

1985

The Extreme Ultraviolet Spectrometer. (Hettrick, S. Bowyer, R.F. Malina, C. Martin and S. Mrowka). *Applied Optics*, 24, 1737, 1985.

1986

Search for UV Emission Lines From a Hot Gaseous Halo in the Edge-on Galaxy NGC 4244 (Deharveng, J. Bixler, M. Joubert, S. Bowyer and R.F. Malina). *Astronomy and Astrophysics*, 154,19, 1986.

1989

Imaging Characteristics of the Extreme Ultraviolet Explorer Microchannel Plate Detectors (J.V. Vallerga, G.C. Kaplan, O.H.W. Siegmund, M. Lampton and R.F. Malina). *IEEE Trans. Nucl. Sci.*, 36, p. 881, 1989.

1994

Low Density of Neutral Hydrogen and Helium in the Local Interstellar Medium : Extreme Ultraviolet Explorer Photometry of the Lyman Continuum of the Hot White Dwarfs MCT 0501-289, MCT 0455-281, HZ 43, and GD 153 (S. Vennes, J. Dupuis, S. Bowyer, G. Fontaine, A. Wiercigroch, P. Jelinsky, F. Wesemael, and R.F. Malina). *AJ*, 421, L35 L38, 1994.

The Extreme Ultraviolet Explorer Bright Source List, (R. F. Malina, H. L. Marshall, B. Antia, C.A. Christian, C.A. Dobson, D.S. Finley, A. Fruscione, F. Girouard, I. Hawkins, P. Jelinsky, J. Lewis, J. McDonald, K. McDonald, R.J. Patterer, V. Saba, M. M. Sirk, B. A. Stroozas, J.V. Vallerga, P.W. Vedder, A. Wiercigroch, and S. Bowyer), *Astron. J.*, 107 (2), 751-764, 1994. BSL tabular data appears in *ApJ/AJ CD-ROM Series*, Vol. 2, 1994.

Ionization Nebulae Surrounding Supersoft X-Ray Sources, (S. Rappaport, E. Chiang, T. Kallman, and R.F. Malina), *Ap. J.*, 431 (1), 237, 1994.

The First EUVE Source Catalog,(Bowyer, R. Lieu, M. Lampton, J. Lewis, X. Wu, J.J. Drake, and R.F. Malina), *Ap. J. Supp.*, 93 (2), 569, 1994. Tabular data appear in the *AAS CD-ROM Series*, Vol. 3, 1994.

Serendipitous EUV Sources Detected during the First Year of the Extreme Ultraviolet Explorer Right Angle Program, K. (McDonald, N. Craig, M.M. Sirk, J.J. Drake, A. Fruscione, J.V. Vallerga, and R.F. Malina), *Astron. J.*, 108, 1843-1853, 1994.

1995

Asymmetric Mass Accretion in the Magnetic Cataclysmic Variable RE1149+28, (S. B. Howell, M. Sirk, R.F. Malina, J.P.D. Mittaz, and K.O. Mason), *Ap. J.*, 439, 991-995, 1995.

The Second EUVE Source Catalog, (Bowyer, M. Lampton, J. Lewis, X. Wu, P. Jelinsky, V. Saba, J. J. Drake, R. Lieu, and R. F. Malina).*Ap. J. Supp.*, 1995.

A Volume-Limited Survey of High Galactic Latitude Planetary Nebulae with the Extreme Ultraviolet Explorer,(A. Fruscione, J.J. Drake, K.McDonald, and R.F. Malina), *Ap. J.*, 441, 726, 1995.

Activity versus Rotation in the Extreme Ultraviolet, (Mathioudakis, A. Fruscione, J.J. Drake, K.McDonald, S. Bowyer, and R.F. Malina), *Astron. Astrophys.*, 300, 775-782, 1995.

Selected Highlights from the Extreme Ultraviolet Explorer, (S. Bowyer, R.F. Malina), *Adv. Space Res.*, 16, 15, 1995.

1996

EUVE J 1429-38.0 : A New magnetic Cataclysmic Variable, (N. Craig, S.B. Howell, M.M. Sirk, and R.F. Malina), *Ap. J. Lett.*, 457, L91, 1996

The Second EUVE source catalog, (S. Bowyer, M. Lampton, J. Lewis, X. Wu, P. Jelinsky and R.F. Malina.) *Ap. J. Suppl.*, 102 : 129-160, 1996.

Initial Performance of the EUVE Imaging Telescopes, (M. Sirk, R.F. Malina, P. Jelinsky, D. Finley, P. Vedder, J. Vallerga, and S. Bowyer). *ApJ Lett.*, 1996

The Calibration of the EUVE Spectrometers. I. Wavelength Calibration and Resolution, M. Abbott, W. Boyd, P. Jelinsky, C. Christian, A. Miller-Bagwell, M. Lampton, R.F. Malina., and J.V. Vallerga ; *IAp. J. Suppl.*, 1996.

1997

Second Extreme Ultra-Violet Explorer Catalog (2EUVE, 1997), (Bowyer, S.; Lampton, M.; Lewis, J.; Wu, X.; Jelinsky, P.; Malina, R. F.), VizieR On-line Data Catalog: II/203A. Originally published in: 1996ApJS..102..129B; 1997ApJS..108..545L.

The Extreme Ultraviolet explorer stellar spectral (Atlas, N. Craig, M. Abbot, D. Finley, H. Jessop, Steve B. Howell, M. Mathioudakis, J. Sommers, J.V. Vallergera and R.F. Malina). The Astrophysical Journal, Suppl. Series, 113 :000-000, Nov. 1997.

A new recording method to obtain high resolution holographic gratings through use of multi-mode deformable plane mirrors, (Duban M., Lemaitre G. and Malina R.), Applied Optics Letter, Nov. 6, 1997.

The Extreme Ultraviolet Explorer stellar spectral Atlas, (Craig N., Abbott M., Finley D., Jessop H., Howel S.B., Mathioudakis M., Sommers J., Vallergera J.V. and Malina R.F.), ApJ, 485, 447, 1997.

Performance of the Extreme Ultraviolet Explorer Imaging Telescopes, (M. M.Sirk, J. V. Vallergera, D. S. Finley, P. Jelinsky, R.F. Malina), ApJ Supp.,110, 347, 1997.

1998

1999

The Second Extreme Ultraviolet Explorer Right Angle Program Catalog, (Christian, D. J.; N. Craig, W. Cahill; B. Roberts, R.F. Malina), A.J., 117,2466, 1999.

FUSE Observations of the Active Cool Star:AB Dor, (T.B. Ake, A.K. Dupree, N.S. Brickhouse, P. Young, J.L. Linsky, S. Redfield, R.F. Malina, N. Griffiths), ApJ. Letters, 1999.

TAROT : Observing gamma-ray bursts "in progress", (M. Boer, M. Bringer, A. Klotz, A.M. Moly, D. Toublanc, G. Calvet, J. Eysseric, A. Leroy, M. Meissonnier, R.F. Malina, P. Sanchez, C. Pollas and H. Pedersen.) A&A Suppl. 138, 579B, September 1999.

2000

FUSE observations of the active cool star AB Doradus, (T.B. Ake, A.K. Dupree, P.R. Young, J.L. Linsky, R.F. Malina, N.W. Griffiths, O.H.W. Siegmund, B.E. Woodgate.) 2000, Ap.J. 538:L87.

The discovery of photospheric Phosphorus and Iron in the FUSE spectrum of the hot DA White Dwarf GD 394, (P. Chayer, J.W. Kruk, T.B. Ake, A.K. Dupree, R.F. Malina, O.H.W. Siemund, G. Sonneborn, R.G. Ohl.) , ApJ 538, L91, 2000.

Overview of the Far Ultraviolet Spectroscopic Explorer Mission, (H.W. Moos, C. Gry, R.F. Malina, R. Grange, M. Saisse et al.) , Ap.J. 538, L1, 2000.

Limits on the early afterglow phase of gamma-ray burst sources, (M. Boer, J.L. Atteia, B. Gendre, A. Klotz, R. Malina, J. Pacheco and H. Pedersen.) 2001, A&A 378, 76-81

2001

Extrême Ultraviolet Explorer Optical Identification Campaign. IV. A Northern Hemisphere Sample of Active Late-Type Stars and Typical EUV Sources,(D.J. Christian, N. Craig, J. Dupuis, B.A. Roberts, R.F. Malina), AJ. 122, 378C, 2001.

2004

Weak lensing from space I: instrumentation and survey strategy, (Rhodes, Jason; et al (92 authors) Malina.R), Astroparticle Physics, Volume 20, Issue 4, p. 377-389, 2004

2005

The Galaxy Evolution Explorer: A Space Ultraviolet Survey Mission.(Martin, D.~C., and 25 co authors) Astrophysical Journal 619, L1-L6.

The On-Orbit Performance of the Galaxy Evolution Explorer.(Morrissey, P., and 37 colleagues) Astrophysical Journal 619, L7-L10.

Number Counts of GALEX Sources in Far-Ultraviolet (1530 \AA) and Near-Ultraviolet (2310 \AA) Bands.,(Xu, C.~K., and 26 colleagues), Astrophysical Journal 619, L11-L14.

The Ultraviolet Galaxy Luminosity Function in the Local Universe from GALEX Data, (Wyder, T.~K., and 24 colleagues),Astrophysical Journal 619, L15-L18.

The Ultraviolet Galaxy Luminosity Function from GALEX Data: Color-Dependent Evolution at Low Redshift, (Treyer, M., and 24 Colleagues), Astrophysical Journal 619, L19-L22.

GALEX Observations of the Sloan Digital Sky Survey: A Comparison, (Seibert, M., and 26 colleagues), Astrophysical Journal 619, L23-L26.

Classification and Characterization of Objects from the Galaxy Evolution Explorer Survey and the Sloan Digital Sky Survey, (Bianchi, L., and 24 Colleagues), Astrophysical Journal 619, L27-L30.

The Ultraviolet Luminosity Function of GALEX Galaxies at Photometric Redshifts between 0.07 and 0.25, (Budav{a}ri, T., and 26 colleagues), Astrophysical Journal 619, L31-L34.

The Properties of Ultraviolet-luminous Galaxies at the Current Epoch, (Heckman, T.~M., and 26 colleagues),Astrophysical Journal 619, L35-L38.

New Constraints on the Star Formation Histories and Dust Attenuation of Galaxies in the Local Universe from GALEX, (Salim, S., and 25 colleagues), *Astrophysical Journal* 619, L39-L42.

The GALEX VIMOS-VLT Deep Survey Measurement of the Evolution of the 1500 Λ Luminosity Function, (Arnouts, S., and 64 colleagues) ,*Astrophysical Journal* 619, L43-L46.

The GALEX-VVDS Measurement of the Evolution of the Far-Ultraviolet Luminosity Density and the Cosmic Star Formation Rate, (Schiminovich, D., and 63 colleagues), *Astrophysical Journal* 619, L47-L50.

Dust Attenuation in the Nearby Universe: A Comparison between Galaxies Selected in the Ultraviolet and in the Far-Infrared, (Buat, V., and 29 colleagues), *Astrophysical Journal* 619, L51-L54.

Testing the Empirical Relation between Ultraviolet Color and Attenuation of Galaxies, (Seibert, M., and 24 colleagues), *Astrophysical Journal* 619, L55-L58.

The Star Formation Rate Function of the Local Universe, (Martin, D.-C., and 24 Colleagues), *Astrophysical Journal* 619, L59-L62.

Galaxy Evolution Explorer Ultraviolet Spectroscopy and Deep Imaging of Luminous Infrared Galaxies in the European Large-Area ISO Survey S1 Field, (Burgarella, D., and 25 colleagues), *Astrophysical Journal* 619, L63-L66.

Panoramic GALEX Far- and Near-Ultraviolet Imaging of M31 and M33, (Thilker, D.-A., and 27 colleagues), *Astrophysical Journal* 619, L67-L70.

Recent Star Formation in Nearby Galaxies from Galaxy Evolution Explorer Imaging: M101 and M51, (Bianchi, L., and 26 colleagues),*Astrophysical Journal* 619, L71-L74.

A Comparative Study of the Spatial Distribution of Ultraviolet and Far-Infrared Fluxes from M101, (Popescu, C.-C., and 25 Colleagues), *Astrophysical Journal* 619, L75-L78.

Recent Star Formation in the Extreme Outer Disk of M83, (Thilker, D.-A., and 26 Colleagues),*Astrophysical Journal* 619, L79-L82.

Extinction Radial Profiles of M83 from GALEX Ultraviolet Imaging, (Boissier, S., and 26 colleagues), *Astrophysical Journal* 619, L83-L86.

Ultraviolet Morphology and Star Formation in the Tidal Tails of NGC 4038/39, (Hibbard, J.-E., and 27 Colleagues), *Astrophysical Journal* 619, L87-L90.

Ultraviolet Emission from Stellar Populations within Tidal Tails: Catching the Youngest Galaxies in Formation?, (Neff, S.-G., and 24 colleagues), *Astrophysical Journal* 619, L91-L94.

Ultraviolet Emission and Star Formation in Stephan's Quintet, (Xu, C.-K., and 24 colleagues), *Astrophysical Journal* 619, L95-L98.

GALEX Observations of the Ultraviolet Halos of NGC 253 and M82, (Hoopes, C.-G., and 27 colleagues), *Astrophysical Journal* 619, L99-L102.

The Look-back Time Evolution of Far-Ultraviolet Flux from Elliptical Galaxies: The Fornax Cluster and A2670, (Lee, Y.-W., and 32 colleagues), *Astrophysical Journal* 619, L103-L106.

Systematics of the Ultraviolet Rising Flux in a GALEX/SDSS Sample of Early-Type Galaxies, (Rich, R.-M., and 27 Colleagues), *Astrophysical Journal* 619, L107-L110.

Galaxy Evolution Explorer Ultraviolet Color-Magnitude Relations and Evidence of Recent Star Formation in Early-Type Galaxies, (Yi, S.-K., and 34 colleagues), *Astrophysical Journal* 619, L111-L114.

Galaxy Evolution Explorer Observations of the Ultraviolet Surface Brightness and Color Profiles of the Local Group Elliptical Galaxy M32 (NGC 221), (Gil de Paz, A., and 24 colleagues), *Astrophysical Journal* 619, L115-L118.

Galaxy Evolution Explorer Ultraviolet Photometry of Globular Clusters in M31, (Rey, S.-C., and 29 Colleagues), *Astrophysical Journal* 619, L119-L122.

Large-Amplitude Ultraviolet Variations in the RR Lyrae Star ROTSE-I J143753.84+345924.8., (Wheatley, J.-M., and 24 colleagues), *Astrophysical Journal* 619, L123-L126.

GALEX Ultraviolet Observations of the Interacting Galaxy NGC 4438 in the Virgo Cluster, (Boselli, A., and 28 Colleagues), *Astrophysical Journal* 623, L13-L16.

The GALEX Ultraviolet Luminosity Function of the Cluster of Galaxies A1367, (Cortese, L., and 26 colleagues), *Astrophysical Journal* 623, L17-L20.

The GALEX Ultraviolet Variability Catalog, (Welsh, B.-Y., and 26 Colleagues), *Astronomical Journal* 130, 825-831.

GALEX Observations of an Energetic Ultraviolet Flare on the dM4e Star GJ 3685A, (Robinson, R.-D., and 25 colleagues), *Astrophysical Journal* 633, 447-451.

2006

Ultraviolet-to-far infrared properties of Lyman break galaxies and luminous infrared galaxies at $z \sim 1$, (Burgarella, D., and 15 colleagues), *Astronomy and Astrophysics* 450, 69-76.

Star Formation in the Nearby Universe: The Ultraviolet and Infrared Points of View, Iglesias-P{\'a}ramo, J., and 30 colleagues ,*Astrophysical Journal Supplement Series* 164, 38-51.

An integral field spectrograph with slicer for SNAP: Design and prototypes, (Aumeunier, M.-H., and 10 colleagues), *New Astronomy Review* 50, 285-289.

Opacity in the upper atmospheres of active stars. II. AD Leonis, (Christian, D.~J., Mathioudakis, M., Bloomfield, D.~S., Dupuis, J., Keenan, F.~P., Pollacco, D.~L., Malina, R.~F., *Astronomy and Astrophysics* 454, 889-894.

Ultraviolet and Far-Infrared-selected Star-forming Galaxies at $z=0$: (} Xu, C.~K., and 25 colleagues) ,*Astrophysical Journal* 646, 834-840.

Other Publications

1976

Spectrophotometry of the Unusual Optical Counterpart for 3U1728-24 (=GX2+5=GX1+4) : A Recurrent Nova ? (A. Davidsen, R.F. Malina and S. Bowyer). *Proceedings of the NASA Goddard Symposium on Optical Observation of X-ray Binaries*, 691, 1976.

1977

Design, Fabrication and Performance of Two Grazing Incidence Telescopes for Celestial EUV Astronomy (M. Lampton, W. Cash, R.F. Malina and S. Bowyer). *Proceedings of the Conference on X-ray Imaging, SPIE*, 106, 93, April 1977

1978

Instrumentation for Extreme Ultraviolet Astronomy (F. Paresce, S. Bowyer, R.F. Malina and W. Cash). *COSPAR Proceedings : New Instrumentation for Space Astronomy*, Ed. K. Van Der Hucht, G.S. Vaiana, Pergamon Press, Oxford and New York, 1978.

1979

First Spectrum of an Extra-Solar Object in the Extreme Ultraviolet: The White Dwarf HZ43 (R.F. Malina, S. Bowyer and F. Paresce). Proceedings of the IAU-COSPAR Conference on X-ray Astronomy, Innsbruck. Pergamon Press, p. 287, 1979.

Wolter-Schwarzschild Optics for the Extreme Ultraviolet: The Berkeley Spectrometer and the EUV Explorer (R.F. Malina, S. Bowyer, D. Finley and W. Cash). Proceedings of the Conference on X-ray Optics, SPIE, 184, 1979

1981

The Extreme Ultraviolet Explorer (S. Bowyer and R.F. Malina). Journal of the Washington Academy of Science, 71, 87, 1981.

The Extreme Ultraviolet Explorer (S. Bowyer, R.F. Malina, M. Lampton, D. Finley, F. Paresce and G. Penegor). Proc. SPIE, Conference on UV and VUV Systems, 279, 176, 1981.

1983

Wide Field Ultraviolet Observations of Comet Halley with the FAUST Spacelab 1 Instrument (S. Bowyer, G. Courtes, R. Kimble, J.M. Deharveng, R.F. Malina and P. Lamy). Proc. COSPAR, Adv. Space Res., 2, 207, 1983

Detection of EUV and Soft X-Rays with Microchannel Plates: A Review (O.H.W. Siegmund and R.F. Malina). Proc. Am. Chem. Soc. Symp. on Imaging Devices in Spectroscopy, Multi Channel Image Detectors 2, 253, 1983

1984

Astrophysical Data on 5ev to 1Kev Radiation from the Radiative Decay of Fundamental Particles : Current Limits and Prospects for Improvement (S. Bowyer and R.F. Malina). Proc. Inner Space/Outer Space Workshop, Fermi National Accelerator Lab, May, 1984.

Comparative Lifetesting Results for Microchannel Plates in Windowless EUV Photon Detectors (R.F. Malina and K. Coburn). IEEE Trans. on Nucl. Sci. NS-31, No. 1, 404, 1984.

Microchannel Plate EUV Detectors for the Extreme Ultraviolet Explorer (O.H.W. Siegmund, R.F. Malina, D. Werthimer and S. Bowyer). IEEE Trans. on Nucl. Sci., NS-31, No. 1, 776, 1984.

1985

Investigations of Large Format Microchannel Plate Z Configurations (O.H.W. Siegmund, K. Coburn and R.F. Malina). IEEE Trans. on Nucl. Sci., N-32, 433-7, 1985.

Calibration Techniques and Results in the Soft X-ray and Extreme Ultraviolet for components of the Extreme Ultraviolet Explorer Satellite (R.F. Malina, P. Jelinsky and S. Bowyer). SPIE, 2nd International Technical Symposium, 597, No. 11, 154, 1985.

Diamond Turned Grazing Incidence Mirrors for the Extreme Ultraviolet: Ten Years of Fabrication and Performance Results (S. Bowyer, J. Green, D. Finley and R.F. Malina). Proc. of the Grazing Incidence Optics Workshop, Annapolis, 1985.

The Extreme Ultraviolet Explorer Spectrometer : Performance Characteristics Based on Development of the Collimator, Variable Line Space Gratings, Telescope and Detectors (Martin, S. Mrowka, S. Bowyer and R.F. Malina). SPIE, 2nd International Technical Symposium, 597, No. 11, 284, 1985.

Grazing incidence metal optics for the Berkeley Extreme Ultraviolet Explorer satellite: a progress report,(Finley, D.; Malina, R. F.; Bowyer, S.), Southwest Conference on Optics, Albuquerque, NM, March 4-8, 1985, Proceedings Bellingham, WA, Society of Photo-Optical Instrumentation Engineers, 1985, p. 89, 1985

1986

Astrophysical Data on 5 eV to 1 keV Radiation from the Radiative Decay of Fundamental Particles : Current Limits and Prospects for Improvement (S. Bowyer and R.F. Malina). In Kolb, Turner, Lindley, Olive and Seckel eds., Inner Space/Outer Space : The Interface between Cosmology and Particle Physics, Chicago and London : The University of Chicago Press, p.512, 1986.

The Extreme Ultraviolet Explorer : Optics Fabrication and Performance,(Green, D. Finley, S. Bowyer and R.F. Malina). SPIE, 2nd International Technical Symposium, Proc. SPIE, 628 , 172, 1986.

The Mirrors for the Extreme Ultraviolet Explorer (D.S. Finley, J. Green, S. Bowyer and R. Malina) Proc. SPIE, 640 , No. 13, 91, 1986.

An Extreme Ultraviolet Telescope with No Soft X-Ray Response (D.S. Finley, P. Jelinsky, S. Bowyer and R.F. Malina). Proc. SPIE, 2nd International Technical Symposium, 628, No. 23, 176, 1986.

EUVE : Optics Fabrication and Performance (J. Green, D. Finley, S. Bowyer and R.F. Malina). Proc. SPIE, 628, No. 22, 1986.

Application of Wedge and Strip Image Readout Systems to Detectors for Astronomy, Siegmund, M.L. Lampton, S. Chakrabarti J. Vallergera, S. Bowyer and R.F. Malina). Proc. SPIE, 627, No. 81, 660-665, 1986.

Optical Surface Evaluation of Soft X-Ray Scattering (J.Green, D. Finley, S. Bowyer and R.F. Malina). Proc. SPIE, 689, No. 21, 102, 1986.

An Evaluation of Gratings for the Extreme Ultraviolet Explorer (S. Mrowka, C. Martin, S. Bowyer and R.F. Malina). Proc. SPIE, 689, No. 23, 108, 1986.

A Penning Discharge Source for EUV Calibration (D. Finley, P. Jelinsky, S. Bowyer and R.F. Malina). Proc. SPIE, 689, No. 02, 6, 1986.

Operational Characteristics of Wedge and Strip Image Readout Systems (O.H.W. Siegmund, M. Lampton, J. Bixler, S. Bowyer, and R.F. Malina). IEEE Trans. on Nucl. Sci., 33 R, 1, 1986.

Analysis of Simulated Images from the Extreme Ultraviolet Explorer,(Marshall, H. L.; Dobson, C. A.; Malina, R. F.; Bowyer, S.), Proceedings of the International Topical Meeting on Image Detection and Quality, held in Paris, France July 16-18, 1986. Editors, Organized by SFO-Societe Francaise d'Optique, in cooperation with ANRT-Association Nationale de la Recherche Technique; Publisher, ANRT, published in cooperation with SPIE, Paris, 1987. LC # TK8315 .I578 1986. ISBN # 2900195098. P. 275, 1986.

Wedge and Strip Image Readout Systems for Photon-Counting Detectors in Space Astronomy (O.H.W. Siegmund, J. Lampton, J. Bixler, S. Chakrabarti, J. Vallerga, S. Bowyer and R.F. Malina). JOSA-A, Vol. 3, 2139, 1986 (12-86).

1987

Contamination Control Approach for the Extreme Ultraviolet Explorer Satellite Instrumentation (S. Mrowka, S. Jelinsky, P. Jelinsky and R.F. Malina). Proc. SPIE, 1987. Prospective EUV Observations of Hot DA White Dwarfs with the EUV Explorer, (D.S. Finley, R.F. Malina and S. Bowyer). Proc. IAU, Colloquium 95. The Second Conference on Faint Blue Stars, Ed. A.G.D. Philip, D.S. Hayes, J.W. Liebert, Schnectady, 689, 1987.

An Overview of the Extreme Ultraviolet Explorer and its Scientific Program (R.F. Malina, D.S. Finley, P. Jelinsky, J. Vallerga and S. Bowyer). Proc. IAU, Colloquium 95, 517, 1987.

Surface Evaluation of the Grazing Incidence Mirrors for the EUVE (J. Green, Finley, S. Bowyer and R.F. Malina). Proc. SPIE 733, 228, Berlin, Paper 19, 1987.

Real-Time Data Acquisition for the Extreme Ultraviolet Explorer Science Instruments (P. Abrams, W.T. Marchant, M. Peck, C.A. Dobson, R.F. Malina). Proc. IEEE, Aerospace Applications Conference Digest, Section IV, New York, 1987.

Telescience: Concepts and Contributions to the Extreme Ultraviolet Explorer Mission, (W.T. Marchant, C.A. Dobson, S. Chakrabarti, R.F. Malina). Proc. SPIE, « Space Station Automation III », W.C. Chiou, ed., 851 , 173, 1987.

1988

Plans for EUVE Data Base (H.L. Marshall, C. Dobson, R.F. Malina and S. Bowyer). Proc. ESO, Astronomy from Large Databases : Scientific Objectives and Methodological Approaches, ed. F. Murtagh and A. Heck, ESO Conference and Workshop Proceedings No. 28, 397, European Southern Observatory, Garching, 1988.

The EUVE Data Archives, (C. Christian, C. Dobson, and R.F. Malina). Astronomy from Large Databases II, ed. A. Heck and F. Murtagh, ESO Conf. and Workshop Proc., 43, 225-230. presented at the Astronomical Data Bases conference, Strausberg, September. Conference available.

Remote Command and Telemetry Handling for a Spaceflight Instrument, (Chakrabarti, W.T. Marchant, C.A. Dobson, G.C. Kaplan, M.L. Lampton, and R.F. Malina), Proceedings of IECON '88, pp. 421-426, 1988. IEEE's annual conference, IECON Book Review, Symmetry Journal : « Space Science in the Twenty-First Century : Imperatives for the Decades 1995 to 2015 ». Report Overview of the Study Steering Group of the Space Science Board of the U.S. National Research Council, National Academy Press, Washington D.C., 1988.

1989

Satellite Telescopes : Extreme Ultra-Violet Explorer (EUVE) Mission. Malina,R., Spaceflight, 143-144, April 1989.

Telescience at the University of California, Berkeley (S. Chakrabarti, W.T. Marchant, G.C. Kaplan, C.A. Dobson, M.L. Lampton and R.F. Malina).Acta Astronautica, 19, 467, 1989. Presented at XXXIXth IAF Conference in Bangalore, India, 10/88.

Astronomical Data Analysis from Remote Sites : A Space Station ERA Perspective (S. Chakrabarti, C. Dobson, H. Marshall, R.F. Malina and S. Bowyer). Proc. ESO, Astronomy from Large Databases : Scientific Objectives and Methodological Approaches, ed. F. Murtagh and A. Heck, ESO Conference and Workshop Proceedings No. 28, 397, European Southern Observatory, Garching, 1988.

A Comparison between Measured Surface Microtopography and Observed Scattering Performance in the Extreme Ultraviolet (J. Green, S. Jelinsky. Bowyer and R.F. Malina). Proc. SPIE, 830, 61, 1988.

Extreme Ultraviolet Reflectivity Studies of Gold on Glass and Metal Substrates (S. Jelinsky,P. Jelinsky, R Malina). Proc. SPIE, 830, 288, 1988.

The Berkeley Extreme Ultraviolet Calibration Facility (B. Welsh, P. Jelinsky and R. F. Malina). Proc. SPIE X-Ray Instrumentation in Astronomy II, 982, ed. L. Golub, 335, 1988.

Synchrotron Radiation Calibration of the EUVE Variable Line Spaced Diffraction Gratings at the NBS SURF II Facility (P. Jelinsky, S. Jelinsky, A. Miller, J. Vallergera and R.F. Malina).Proc. SPIE X-Ray Instrumentation in Astronomy II, 982, ed. L. Golub, 356, 1988.

Expected Scientific Performance of the Three Spectrometers on the Extreme Ultraviolet Explorer (J. Vallergera, P. Jelinsky and R.F. Malina). Proc. IAU Colloquium 115, Aug. 22-25, 1988.

EUVE Mission Instrumentation and Science Goals (S. Bowyer, R.F. Malina and H. Marshall). JBIS, 41, 357, 1988.

1989

Contamination Control Program for the Extreme Ultraviolet Explorer Instruments Ray, (R.F. Malina, B.Y. Welsh, J.D. Austin and B.G. Teti). Proc. SPIE, Space Optical Materials and Space Qualification of Optics, ed. R.R. Hale, 1118, 136, 1989.

The Extreme Ultraviolet Explorer: Overview and Calibration (B. Welsh, Vallerga, P. Jelinsky, P.W. Vedder, S. Bowyer and R.F. Malina). Proc. SPIE, X-Ray/EUV Optics for Astronomy and Microscopy ; ed. R. Hoover, 1160, 554 563, 1989. Also in Opt. Eng., 29, 752, 1990.

1990

Results from the Calibration of the Extreme Ultraviolet Explorer Instrumentation (B.Y. Welsh, P. Jelinsky, J.V. Vallerga, P.W. Vedder, D.S. Finley and R.F. Malina). Proc. SPIE, X-Ray/EUV Optics for Astronomy, Microscopy, Polarimetry and Projection Lithography, ed. R. B. Hoover and A.B.C. Walker, 1343, 166, 1990.

The Extreme Ultraviolet Explorer Mission (S. Bowyer and R.F. Malina). Proceedings of the 28th COSPAR Plenary, The Hague, The Netherlands, June 25 July 6, 1990.

Contamination Management for EUV Space Optics (D.C. Ray, B.Y. Welsh, R.F. Malina and S.J. Battel). Proceedings, Microcontamination 90 Conference and Exposition, Santa Monica : Cannon Communications, Inc., 140, 1990.

Coordinated Observations for the EUVE All-Sky Survey (K. Mukai, J.V. Vallerga, R.F. Malina, and S. Bowyer). Proceedings of the First European Meeting of AAVSO, Brussels, July 1990.

Contamination Control Program Results from Three Years of Ground Operations on the Extreme Ultraviolet Explorer Instruments (D.C. Ray, S.R. Jelinsky, B.Y. Welsh, and R.F. Malina). Proc. SPIE. Optical System Contamination: Effects, Measurement, Control, ed. A. P. Glassford, 1329, 24, 1990.

The Extreme Ultraviolet Explorer (S. Bowyer and R.F. Malina). Evolution in Astrophysics : IUE Astronomy in the Era of New Space Missions, ed. E. J. Rolfe, Paris : European Space Agency, ESA SP 310, 189, 1990.

1991

The EUVE Mission Lessons Learned from the Instrument Development Program (R.F. Malina and S. Battel). Proceedings of the International Astronautics Congress, Montreal, Canada, October 5 12, 1991.

Results from the calibration of the Extreme Ultraviolet Explorer instruments, (Welsh, Barry Y.; Jelinsky, Pat; Vedder, Peter W.; Vallerga, John V.; Finley, David S.; Malina, R.F.), X-ray/EUV optics for astronomy, microscopy, polarimetry, and projection lithography; Proceedings of the Meeting, San Diego, CA, July 9-13, 1990 (A92-25201 09-74). Bellingham, WA, Society of Photo-Optical Instrumentation Engineers, 1991, p. 166, 1991

1993

The Extreme Ultraviolet Explorer - All-Sky Survey and Guest Investigator Spectroscopy Mission (S. Bowyer, P. Jelinsky, C.A. Christian, and R.F. Malina) in Astron. Soc. Pac. Conf. Series, ed. M. S. Giampapa and J.A. Bookbinder, 26, 613 622, 1992. Proceedings of

the Cambridge Workshops on Cool Stars, Stellar Systems, and the Sun, October Tucson, Arizona.

Initial results from the extreme ultraviolet explorer, Bowyer, S.; Malina, R. F. , Advances in Space Research (ISSN 0273-1177), vol. 13, no. 12, p. 23,1993.

The Extreme Ultraviolet Explorer Mission : Overview and Initial Results, (B. Haisch, S. Bowyer and R. F. Malina). JBIS, 46 (9), p. 331, 1993

Center for EUVE Astrophysics, (S. Bowyer, R.F. Malina, M. Hurwitz, Edelstein,E. Korpela). Bulletin of the American Astronomical Society, 26, No. 1, 1993.

Extreme Ultraviolet images of the Cosmos, (Bowyer and R.F. Malina), Physics World, 7 (1), 35-38, 1994.

Doing Hot Cool Star Science with EUVE(Haisch, B., Bowyer, Stuart; Malina, Roger), Cool Stars; Stellar Systems; and the Sun; Eighth Cambridge Workshop. Astronomical Society of the Pacific Conference Series, Vol. 64; Proceedings of the 8th Cambridge Workshop; held in Athens, Georgia; October 11-14; 1993; San Francisco: Astronomical Society of the Pacific (ASP); |c1994; edited by Jean-Pierre Caillault, p.3

1994

The Extreme Ultraviolet Explorer: Observing a Partly Cloudy Universe, (Bowyer, R. F. Malina, and B. Haisch), Sky and Telescope, 88 (6), 36 40, 1994.

An EUV Dissection of a Flare on AU Microscopii, (Drake, J. J.; Brown, A.; Bowyer, S.; Jelinsky, P.; Malina, R. F.; Wu, X. Y.) , Cool Stars; Stellar Systems; and the Sun; Eighth Cambridge Workshop. Astronomical Society of the Pacific Conference Series, Vol. 64; Proceedings of the 8th Cambridge Workshop; held in Athens, Georgia; October 11-14; 1993; San Francisco: Astronomical Society of the Pacific (ASP); |c1994; edited by Jean-Pierre Caillault, p.35, 1994

1995

Scientific Highlights from the Extreme Ultraviolet Explorer, (S. Bowyer and R.F. Malina, Adv. Space Res., 16 (3), (3)25 (3)28, 1995.

Re-engineering EUVE Telemetry Monitoring Operations : A Management Perspective and Lessons Learned from a Successful Real-World Implementation, (D. Biroscak, L. Losik, and R.F. Malina), International Telemetering Conference Proceedings, « Re-Engineering Telemetry » XXXI, 338-395, 1995.

Lessons learned from the Introduction of Autonomous Monitoring to the EUVE Science Operations Center, (M. Lewis, F. Girouard, F. Kronberg, P.R. ingrose, A. Abedini, D. Biroscak, T. Morgan and R.F. Malina), in 1995 Goddard Conference of Space Applications of Artificial Intelligence and Emerging Information Technologies, ed. C.F. Hostetter (GSFC : Grennebelt), NASA CP-3296, 229-235, 1995.

1996

The Center for EUV Astrophysics, (R.F. Malina and S. Bowyer.), The Annual Report for the AAS, 1996.

The NASA EUVE Satellite in transition: from staffed to autonomous science payload operations, (B.A. Stroozas, D. Biroscak, M. Eckert, F. Girouard, A. Hopkins, G.C. Kaplan, F. Kronberg, K.E. McDouals, P. Ringrose, C.L. Smith, J.V. Vallerger, L.S. Wong and R.F. Malina). International Telemetry Conference Proceedings, San Diego, CA 28-31 October 1996.

EUVE Telemetry processing and Filtering for Autonomous Satellite Instrument Monitoring, (M. Eckert, C. Smith, F. Kronberg, F. Girouard, A. Hopkins, L. Wong, P. Ringrose, B. Stroozas and R.F. Malina). Published in the 1996 International Telemetry Conference Proceedings, meeting held in San Diego, CA 28-31 October 1996.

Document retrieval triggered by Spacecraft Anomaly : using the kolodner case-based reasoning (CBR) paradigm to design a fault-induced response system,(F. Kronberg, A. Weiner, T. Morgan, B. Stroozas, F. Girouard, A.Hopkins, L. Wong, M. James, K. Kneubuhl and R.F. Malina). International Telemetry Conference Proceedings, San Diego, CA 28-31 October 1996.

1997

Development of an EUVE Virtual Environment (EVE) System for satellite anomaly resolution and Science planning in operations, (L. Wong, M. Lewis, N. Sabbaghi, F. Kronberg, D. Meriwether, K. Chu, E. Olson, T. Morgan and R.F. Malina). International Telemetry Conference Proceedings, San Diego, CA 28-31 October 1996.

GRB 971214, (M. Boer, A. Roberts, R.F. Malina, M. Feroci, L. Piro and K. Hurley). IAUC, 6795 3B, Dec,1997.

1998

Télescopes spatiaux : les grands reporters de l'espace traquent des images de nos origines. Journal Terres Marines, (Malina, R.), n° 15, Mai 1998.

1999

Center for EUVE Astrophysics, (B. Stroozas and R.F. Malina). B.A.A.S., 31, N° 1 n 1999.

2001

The Galaxy Evolution Explorer (GALEX), (Milliard, B.; Martin, C.; Bianchi, L.; Byun, Y.-I.; Donas, J.; Heckman, T.; Lee, Y.-W.; Madore, B.; Malina, R.; Friedman, P.; Rich, M.; Schiminovich, D.; Siegmund, O.; Szalay, A. S.), Mining the Sky, Proceedings of the MPA/ESO/MPE Workshop, Garching, Germany, 31 July-4 August, 2000. Edited by A. J. Banday, S. Zaroubi, and M. Bartelmann. Heidelberg: Springer-Verlag, 2001., p.201, 2001.

2002

An integral field spectrograph for SNAP supernova studies: (A. Ealet, E. Prieto, A. Bonnissent, R. Malina et al.), SPIE, 2002.

SNAP Telescope, (Lampton, Michael L. et al (72 co-authors) inc. Malina, R.) Highly Innovative Space Telescope Concepts Edited by Howard A. MacEwen. Proceedings of the SPIE, Volume 4849, pp. 215-226 2002.

Wide-Field Surveys from the SNAP Mission,(Kim, A. et al. (73 co-authors) inc. Malina, R.),

Survey and Other Telescope Technologies and Discoveries. Edited by Tyson, J. Anthony; Wolff, Sidney. Proceedings of the SPIE, Volume 4836, pp. 53,2002.

Overview of the SuperNova/Acceleration Probe (SNAP), (Aldering, Greg et al. (73 co authors) inc. Malina, R). Proceedings of the SPIE, Volume 4835, p. 146, 2002.

2003

The Gamma-Ray Burst Hunt at La Silla : the TAROT-S Very Fast Moving Telescope,(M. Boer, A. Klotz, J.L. Atteia, G. Buchholtz et al., inc. R. Malina,) The Messenger, Sept. 2003.

SNAP NIR detectors, (Tarle, Gregory et al. (74 co authors) inc. Malina, R.) ,IR Space Telescopes and Instruments. Edited by John C. Mather. Proceedings of the SPIE, Volume 4850, p. 912, 2003.

SNAP: an integral field spectrograph for supernova identification, (Ealet, Anne; Prieto, Eric; Bonnissent, Alain; Malina, Roger et al (73 co-authors)), IR Space Telescopes and Instruments. Edited by John C. Mather. Proceedings of the SPIE, Volume 4850, p. 1169, 2003.

SNAP focal plane,(Lampton, Michael L et al. (73 co authors) inc. Malina, R.) ., Future EUV/UV and Visible Space Astrophysics Missions and Instrumentation. Edited by J. Chris Blades, Oswald H. W. Siegmund. Proceedings of the SPIE, Volume 4854, p. 632, 2003.

The Galaxy Evolution Explorer,(Martin, Christopher et al (51 co authors) inc. Malina, R.), Future EUV/UV and Visible Space Astrophysics Missions and Instrumentation. Edited by J. Chris Blades, Oswald H. W. Siegmund. Proceedings of the SPIE, Volume 4854, pp. 336, 2003.

SNAP satellite focal plane development, (Bebek, Christopher et al. (74 co-authors) inc. Malina, R), UV/EUV and Visible Space Instrumentation for Astronomy II. Edited by Siegmund, Oswald H. W. Proceedings of the SPIE, Volume 5164, p.74, 2003.

2004

Four Years of Observations of GRB Localizations with TAROT, (Bokr, M.; Klotz, A.; Thiébaud, C.; Atteia, J.-L.; Malina, R.; de Freitas Pacheco, J.; Pedersen, H.), Gamma-Ray Bursts: 30 Years of Discovery: Gamma-Ray Burst Symposium. AIP Conference Proceedings, Vol. 727, held 8-12 September, 2003 in Santa Fe, New Mexico. Edited by E. E. Fenimore and M. Galassi. Melville, NY: American Institute of Physics, 2004., p. 447, 2004.

SNAP telescope: an update, (Lampton, Michael L. et al. (63 authors) inc. Malina, R.), UV/Optical/IR Space Telescopes: Innovative Technologies and Concepts. Edited by MacEwen, Howard A. Proceedings of the SPIE, Volume 5166, pp. 113, 2004.

The GALEX mission and detectors, (Siegmund, Oswald H. W. et al (27 co authors) inc. Malina, R.), Proceedings of the SPIE, Volume 5488, p. 13, 2004.

2006

An integral field spectrograph for the SNAP mission, (Ealet, A., Prieto, E., Bonissent, A., Malina, R., Aumeunier, M.-H., Cerna, C., Smadja, G., Tilquin, A.), Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series 6265, .

An integral field spectrograph demonstrator based on slicer technology for the SNAP mission., (Aumeunier, M.-H., Cerna, C., Blanc, P.-E., Bonissent, A., Ealet, A., Karst, P., Malina, R., Prieto, E., Smadja, G., Tilquin, A.), Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series 6265, .

A large array of telescopes in Antarctica with all-sky imaging every five seconds, (York, D.~G., and 17 colleagues), Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series 6267.

UV-to-FIR Properties of Lyman Break Galaxies and Luminous Infrared Galaxies at $z \sim 1$, (Burgarella, D., and 15 colleagues), Infrared Diagnostics of Galaxy Evolution 381, 203.

An integral field spectrograph for SNAP, (Prieto, E., and 13 colleagues), Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series 7010, .

Domain Research in Astronomy, (Wang, L., and 17 colleagues), AGB Stars and Related Phenomena 2010: The Astronomy and Astrophysics Decadal Survey 2010, 329.

Papers delivered to scientific meetings

1974

Optical and X-Ray Observations of 3U 0614+09, (Davidsen, A.; Malina, R.; Smith, H.; Spinrad, H.; Margon, B.; Mason, K.; Hawkins, F.; Sanford, P.), B.A.A.S., Vol. 6, p.303, 1974.

X-ray Emission Profiles of the Coma and Virgo Clusters of Galaxies,(Malina, R. et al.), B.A.A.S., 6, 4, 429, 1974.

1975

An Observation of the Diffuse Soft X-Ray/Extreme Ultraviolet Background, (Cash, W.; Malina, R.; Stern, R.; Bowyer, S.), B.A.A.S., Vol. 7, p.505, 1975

Soft X-ray Profile and Spectrum of the Supernova Remnant IC 443, (Malina, R.) B.A.A.S., 7, 3, 1975.

1976

Soft X-ray Morphology of the Coma, Virgo and Perseus Clusters of Galaxies, (Malina, R.), Publ. A.S.P., 1976.

Extreme-Ultraviolet Data on the Density of the Local Interstellar Medium, (Malina, R. et al.) B.A.A.S., 8, 4, 548, 1976.

1977

The Berkeley Extreme Ultraviolet Stellar Spectrometer, (Malina, R. et al), 1st West Coast X-ray Astronomy Conference, Stanford, 1977.

1978

Fabrication and Performance of the Berkeley Extreme Ultraviolet Stellar Spectrometer, (Malina, R. et al.) J.O.S.A., 68, 1355, 1978.

1979

First Spectrum of an Extra-Solar Object in the Extreme Ultraviolet: The White Dwarf HZ43, (Malina, R. et al.) B.A.A.S., 10, 4, 637, 1979.

1981

Calibration of the FAUST Spacelab 1 Instrument, (Malina, R. et al;) VUV Calibration Conference, NCAR, Boulder, April, 1981

1982

HeII in the Spectrum of the Hot White Dwarf HZ43 : Photospheric or Interstellar ? (Malina, R., et al.) B.A.A.S., 13, 873, 1982.

Calibration of the EUVE, VUV Calibration Conference, (Malina, R. et al.) NCAR, Boulder, April, 1981.

1984

Spectroscopy from the Extreme Ultraviolet Explorer, (Malina, R. et al) B.A.A.S., 519, 1984.

1987

End to End Software System for the Extreme Ultraviolet Explorer Mission, (C.A. Dobson, H.L. Marshall, R.F. Malina). AAS Abstract, 4/87

Thin Film Filters to be used on the Extreme Ultraviolet Explorer Satellite, (J.V. Vallerga, O.H.W. Siegmund, P. Jelinsky, R.F. Malina). BAAS Abstract, 4/87.

1988

The Extreme Ultraviolet Explorer Mission, (Malina, R; et al.) IAF XXXIXth Congress, Bangalore, India, October 1988.

1989

The Extreme Ultraviolet Explorer Mission. (R.F. Malina and S.J. Battel), AIAA Conference, Reno, Nevada, January 1989.

1991

The Guest Observer Support Program for the Extreme Ultraviolet Explorer Project, (Christian, C., Malina, R. et al.), 177th Meeting of the American Astronomical Society, Philadelphia, PA, January 13 17, 1991

The EUVE All Sky and Deep Surveys, (Malina;R. et al.) 78th Meeting of the American Astronomical Society, Seattle, WA, May 26 30, 1991.

The EUVE Mission Lessons Learned from the Instrument Development Program.(Malina and S. Battel) presented at the International Astronautics Congress, Montreal, Canada, October 5 12, 1991.

1992

Spectroscopy with EUVE, presented at the International Colloquium on UV and X-Ray Spectroscopy of Astrophysical and Laboratory Plasmas, (Malina, R. et al.), University of California, Berkeley, February 3-5, 1992.

The EUV Test and Calibration Facility at the Space Sciences Laboratory, U.C. Berkeley, (Malina, R. et al.), International Colloquium on UV and X-Ray Spectroscopy of Astrophysical and Laboratory Plasmas, University of California, Berkeley, February 3 5, 1992.

1993

« Initial Results from EUVE », (Malina, et al.) R.AAS, Tuscon, AZ, January 1993.

The Optical Identification Program for the EUVE Sky Survey. (Christian, M. Abbott, T. Carone, J. Drake, J. Dupuis, D. Finley, A. Fruscione, I. Hawkins, R.F. Malina, H.L. Marshall and J. Vallergera), 182nd AAS Conference June 6-10, 1993, Berkeley, CA.

In-orbit Performance of NASA's Extreme Ultraviolet Explorer Observatory,(Malina, R. et al.), 182nd AAS Conference June 6-10, 1993, Berkeley, CA.

Initial Results from the Extreme Ultraviolet Explorer Mission (S. Bowyer and R. F. Malina) COSPAR : Adv. in Space Res. 29, 1993. World Space Congress, Plenary Meeting of the Committee on Space Research, Washington, DC, August-September, 1993.

Advances in Autonomous Operations for the EUVE Spacecraft, (Morgan and R. F. Malina), Symposium on « Robotic Telescopes », 106th Meeting of the Astron. Soc. Pac., June 28-30, 1994, Flagstaff, AZ.

Initial Results from the Extreme Ultraviolet Explorer All-Sky Survey,(R. F. Malina and S. Bowyer.) 44th International Astronautical Congress, 16-22 October 1993, Austria.

SERENDIP: The UC Berkeley SETI Project,(Donnelly, S. Bowyer, D. Werthimer, and R. F. Malina), 44th International Astronautical Congress, 16-22 October 1993, Austria.

1994

In-Orbit Performance of the Spectrometers of the Extreme Ultraviolet Explorer, (Boyd, P. Jelinsky, D.S. Finley, J. Dupuis, M. Abbott, C. Christian and R.F. Malina); « EUV, X-Ray, and Gamma-Ray Instrumentation for Astronomy V, » Proc. SPIE, 2280, 280-296, 1994.

Long-Term Orbital Performance of the MCP Detectors Aboard the Extreme Ultraviolet Explorer, (J.V. Vallergera, M. Eckert, M. Sirk, O. Siegmund, and R.F. Malina); «EUV, X-Ray, and Gamma-Ray Instrumentation for Astronomy V, » Proc. SPIE, 2280, 57-68, 1994.

Designing an Autonomous Environment for Mission Critical Operations, (Abedini and R. F. Malina), Third International Symp. on Space Mission Operations and Ground Data Systems 1994, ed. James L. Rash, Greenbelt : NASA Goddard Space Flight Center, NASA Conf. Pub. 3281 , Pt. 1, p. 541, 1994.

An EUV Dissection of a Flare on AU Microscopii,(Drake, A. Brown, S. Bowyer, P. Jelinsky, R.F. Malina, and X.Y. Wu), « Proc. Eighth Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun », ed. J. P. Caillault, ASP Conf. Series, 64, pp 35-37, 1994.

Doing Hot Cool Star Science with EUVE, (Haisch, R.F. Malina and S. Bowyer), « Proc. Eighth Cambridge Workshop on Cool Stars, Stellar Systems, and the Sun » ed. J.P. Caillault, ASP Conf. Series , 64, pp. 3-12, 1994.

The Berkeley SETI Program : Recent results from SERENDIP III and the Design and Status of the Next Generation SERENDIP IV System ⊗ R.F. Malina, S. Bowyer, D. Werthimer, C. Donnelly and J. Cobb). Presented at the 45th International Astronautical Congress SETI Science and Technology », Jerusalem, Israel, October 9-14, 1994.

Educational Outreach on NASA's Extreme Ultraviolet Explorer Satellite Program, (Malina, I. Hawkins, and C. Christian). Presented at the 45th International Astronautical

Congress, Symposium on Space and Education, session on « Education Structures » Jérusalem, Israel, October 9-14, 1994.

Low-Cost Operations Approaches and Innovative Technology Testbedding at the EUVE Science Operations Center, (R.F. Malina), 45th International Astronautical Congress, IAA Symposium on Small Satellite Missions, session on « Low Cost Approaches for Small Satellite Mission Operations and Data Analysis », Jerusalem, Israel, October 9-14, 1994.

1995

The SERENDIP SETI Project : New Instrumentation for SETI and Results of Recent Observations, (C. Donnelly, D. Werthimer, S. Bowyer, J. Cobb, and R.F. Malina). Presented at the 46th International Astronautical Federation, Acta Astronautica, 1995.

Autonomous Operation of the Science Payload on the Extreme Ultraviolet Explorer, (R.F. Malina.) International Astronautical Congress, Symposium : IAA-11.2.05, « Small Satellite Missions Symposium » Session : IAA 11.3, On Board Autonomous Systems for Small Satellites, 2-6 Oct. 1995.

Payload Health and Safety Monitoring No Night Shifts ! A Successful Real-World System and Implications for Future Telemetry Designs, (D. Biroscak, L. Losik, F. Girouard, A. Hopkins, and R. F. Malin. International Telemetry Conference 1995, Las Vegas, NV, 30 October 2 November, 1995.

A Low-Cost, Autonomous, Ground Station Operations Concept and Network Design for EUVE and Other Earth-Orbiting Satellites, (A. Abedini, J. Moriarta, D. Biroscak, L. Losik and R.F. Malina). Proceedings of the International Telemetry Conference 1995, Las Vegas, NV, 30 Octobre-2 November, 1995.

Astronomia para la Familia : A Program for NASA Education Outreach Relying on Parental Involvement, Hands-On Activities, and Appropriate Use of the World Wide Web, (I. Hawkins and R.F. Malina). International Astronautical Federation, Space and Education Symposium, Session : Education Structures, 1995.

1996

Collaborative methods for making scientific and technical representations accessible to the K-12 Community through the Internet and the World Wide Web : (I. Hawkins, R. Battle and R.F. Malina). Presented at the 47th International Astronautical Congress, IAA Symp. Oct. 7-11, Beijing (China), 1996.

The EUVE Testbed: Innovations toward low cost science and mission automation. (R.F. Malina), 47th International Astronautical Congress - Beijing, China, 7-11 Oct. 1996.

Etude des différentes couches de la couronne solaire avec SOHO/EIT. (Portier-Fozzani, R. Malina and J. Maucherat), SFSA, 1996.

1997

EUVE extends automated « lights out » payload operations to spacecraft platform, (B.A. Stroozas, M.R. Gunter, G.C. Kaplan, R. Nevitt, R.F. Malina), IEEE, 1997.

The Galaxy Evolution Explorer, (L. Bianchi, A. Szalay, C. Martin, P. Friedman, B. Madore, B. Milliard, R. F. Malina), 190th Meeting of the AAS, June 1997.

Search Strategies : SETI Activity and Society, (R.F. Malina), IAA Congress, Turin, Oct. 1997

The Galaxy Evolution Explorer Instrument and Mission,(P. Friedman, C.Martin, C.; D. Schiminovich, B. Madore, L. Bianchi, A. Szalay, T. Heckman, B. Milliard, R. F. Malina, O. Siegmund, B. Welsh, M. Rich), B.A.A.S., 191, 0306, 1997.

1998

Preliminary Results from the Second EUVE Right Angle Program Catalog,(D. J.Christian, N. Craig, W. D. Cahill, B. Roberts, R. F. Malina), presented at the 191st Meeting of the AAS, Jan. 1998.

TAROT: A status report, (Boer M., Atteia J.L., Bringer M., Klotz A.K, Peignot C., Malina R., Pedersen H., Calvet G., Eysseric J., Leroy A., Meissonier M., Pollas C., Pacheco J. de Freitas), HGRB Symposium, 946B, 1998.

Digital Science Using Data from the Galaxy Evolution Explorer,(D. Schiminovich, C. Martin, P. Friedman, T. Small, L. Bianchi, A. Szalay, T.Heckman, B. Millard, R. F. Malina, O. Siegmund, B. Welsh, R. M. Rich). AAS, 192, 3503, May 1998.

On UV Optical Space Astronomy Beyond HST, HSTCOSL3, Boulder, CO, USA, August 1998.

CHIPS: The Cosmic Hot Interstellar Plasma Spectrometer, (W. V. Dixon,M. Hurwitz, P. Jelinsky, B. V. Welsh, J. E. Edelstein, O. H. W. Siegmund, C.F. Mckee, R. F. Malina, I. Hawkins, J. V. Vallerga, D. Breitschwerdt, J. Slavin.), B.A.A.S., 193, 1208. December 1998.

1999

The GALEX science Data Archive: the Ultraviolet Digital, (L. Bianchi, A. Szalay, T. Heckman, C. Martin, P. Friedman, D. Schiminovich, B. Madore, B. Milliard, R.F. Malina and M. Rich), UOSA Conference, 194B, 1999

The Galaxy Evolution Explorer, (C.D. Martin, L. Bianchi, J. Donas, T. Heckman, B. Madore, R.F. Malina, B. Milliard, P. Friedman, M. Rich, D. Schiminovitch, O. Siegmund and A. Szalay), UOSA Conference, 182M, 1999

A General Method for Recording High Resolution Holographic Gratings by Using a Null Powered Multi-Mode Deformable mirror, (M. Duban, G. Lemaitre and R.F. Malina), UOSA Conference, 428, 1999.

Automated "Batch" Processing for EUVE Science Data, (J. Thorsness, W. Boyd, B.A. Stroozas and R.F. Malina), B.A.A.S., Vol. 31, p.1496, 1999.

FUSE Observations of the Active Cool Star: AB Dor, Ake, T. B.; (Dupree, A. K.; Linsky, J. L.; Malina, R. F.); FUSE Science Team, B.A.A.S., Vol. 31, p.1377,1999.

The EUVE Electronic Proposal Review System, (J. Cullison, W. Boyd, B.A. Stroozas and R.F. Malina), B.A.A.S, Jan. 2000.

"Big Bang" for NASA's Buck: Nearly Three Years of EUVE Mission Operations at UCB, (B.A. Stroozas, R. Nevitt, K.E. McDonald, J. Cullison and R.F. Malina), B.A.A.S., Vol. 31, p.1495, 1999.

2000

Multi-Mission Collaboration: Update on the EUV Sky, (Malina, R. F.; Howell, S. B.; Cullison, J. L.; Stroozas, B. A.), B.A.A.S., Vol. 32, p.691, 2000.

The Far Ultraviolet Spectroscopic Explorer Mission, (H.W. Moos, JHU, FUSE Science Team and FUSE Instrument & Operations Team), AAS, Jan. 2000.

8.5 Years in a Nutshell, (J.L. Cullison, K.E. McDonald, B.A. Stroozas, S.B. Howell, R.F. Malina), 2000, BAAS 197, 11501C.

The EUVE Legacy Science Program, (S.B. Howel, J.L. Cullison, R.F. Malina), 2000, BAAS 196, 1309H

The EUVE Permanent Archive at HEASARC and MAST, (Christian, D. J.; McGlynn, T.; Drake, S.; White, N. E.; Newman, P.; Postman, M.; Hanisch, R. J.; Donahue, M.; Imhoff, C.; Kimball, T.; Levay, K.; Padovani, P.; Smith, M.; Thompson, R. W.; **Malina, R. F.**); B.A.A.S., Vol. 32, p.691,

2000.

Preliminary Results of the EUVE Slew Survey: Aug. 1993 - Feb. 2000, (K.E. McDonald, D.J. Christian, R.F. Malina), 2000, BAAS 196, 5309M.

The EUVE Mission at UCB: Squeezing More from Less, (J.L. Cullison, K.E. McDonald, R.Nevitt, R.F. Malina), 2000, BAAS, 196, 3202S.

Rising from the Dead: the Revival of the EUVE E/PO, (J.L. Cullison, N. Craig, B.A. Stroozas, R.F. Malina), 2000, BAAS 196, 2405C.

EUVE Science Retrospective: 8.5 Years in a Nutshell, (Cullison, J. L.; McDonald, K. E.; Stroozas, B. A.; Kinloch, B.; Howell, S. B.; Malina, R. F.) ,B.A.A.S., Vol. 32, p.1597, 2000.

The EUVE Permanent Archive at HEASARC and MAST, (D.J. Christian, T. McGlynn, S. Drake, N.E. White, P. Newman, M. Postman, R.J. Hanisch, M. Donahue, C. Imhoff, T. Kimball, K. Levay, P. Padovani, M. Smith, R.W. Thompson, R.F. Malina, B. Stroozas), 2000, B.A.A.S. 196, 1302C.

Multi-Mission Collaboration: Update of the EUV Sky, (R.F. Malina, S.B. Howel, J.L. Cullison, B.A. Stroozas), 2000, AAS 196, 1301M.

2001

SNAP: An Integral Field Spectrograph for Supernova Identification, (Malina, R.; Ealet, A.; Prieto, E.; Basa, S.; Le Fevre, O.; Mazure, A.; et al.), ,B.A.A.S., Vol. 33, p.1405, 2001.

2002

Engaging Non-traditional User Communities Through NVO Education and Public Outreach, (N. Craig, R. Spitz, **R. Malina**, G. Schultz, I. Hawkins), B.A.A.S., Vol. 34, p.743, 2002.

National Virtual Observatory Outreach: Preliminary findings of the qualitative survey conducted with artists and science museum professionals, (Craig, N.; Spitz, R.; Hawkins, I.; **Malina, R.**), Bulletin of the American Astronomical Society, Vol. 34, p.1198, 2002.

A Comparative Study of the Spatial Distribution of Ultraviolet and Far-infrared Fluxes from M101,(et al. inc **Malina, R.**) ; et al., Bulletin American Astronomical Society Meeting 204, #80.08, 2004.

2003

Invited Talks

Stellar Coronae and Photospheres in the Extreme Ultraviolet, Astronomy Seminar, Johns Hopkins University, September, 1977.

Stellar Extreme Ultraviolet Spectroscopy, Astronomy Department Colloquium, University of California, Berkeley, May, 1978.

Stellar Extreme Ultraviolet Spectroscopy, Physics Department Colloquium, Sonoma State University, November, 1978.

Extreme Ultraviolet Astronomy, All University of California Astronomy Meeting, San Diego, May, 1979.

Extreme Ultraviolet Astronomy, Mullard Space Science Laboratory, University College, London, May, 1980.

Current Status of EUV Astronomy, Space and Astronomy Seminar, Physics Department, University of Leicester, September, 1980.

The Extreme Ultraviolet Explorer, LASP Seminar, University of Colorado, Boulder, March, 1981.

EUVE : Science Goals, Laboratoire d'Astronomie Spatial, Marseille, France, September 1985.

EUVE : New Technology Development, Rutherford Appleton Labs, England, September 1987.

Hommage à Frank J. Malina, Accademici dei Lincei, Rome, 1987.

Trust-Mistrust : Art and Science at the Turn of the Century, Otis-Parsons Art Institute, Los Angeles, October 1989.

The Artist and the Cosmos, M.I.T. Center for Advanced Visual Studies, November 1989.

The Role of the Artist in Space Exploration, IEEE Conference « Technics and Consequence », California State University Los Angeles, October 1989.

« EUVE », University of Paris IX, December 1, 1989.

« The Sky Seen at Different Wavelengths : Scientific Visualization », University of Paris IX, December 1, 1989.

Center for Particle Astrophysics, Univ Calif, Berkeley ; Seminar 9/22/92 : Initial Results from EUVE.

Université du Québec à Montréal ; talk 10/9/92 ; Title : « Early Results From the Extreme Ultraviolet Explorer Observatory : A New Window on the Universe. »

« Science Highlights from EUVE » Astronomy Colloquium California Institute of Technology, 1993.

« Initial Scientific Results from EUVE » Space Science Colloquium, Naval Research Laboratory, Washington DC 1993.

« Initial Scientific Results from EUVE » Colloquium, Laboratoire d'Astronomie Spatiale », Marseille, France, 1993.

« Science Highlights from EUVE, » Colloquium, ESTEC, Holland, 1993.

« Initial Results from the Extreme Ultraviolet Explorer All-Sky Survey, » presented at the AAPT Meeting, Vol. 23, Dec. 1993.

L'Univers est-il Numérique ? R. Malina, Devoir, 22 Avril 2002.

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