

16.08.13

**PUBLICATIONS (Newest First): Laurence A. Marschall**

(Co-authors marked with an asterisk are undergraduate students)

**Books:**

*Pluto Confidential*, Laurence A. Marschall and Stephen P. Maran, Dallas, TX:  
BenBella Books, 2009

*Galileo's New Universe*, Stephen P. Maran and Laurence A. Marschall, Dallas, TX:  
BenBella Books, 2009

*The Supernova Story*, revised edition, Princeton, Princeton University Press, 1994

*The Supernova Story*, New York, Plenum Press, 1988 (Reviews in *Nature*, 336, 291;  
*American Journal of Physics*, 57, 766; *American Scientist*, 77, 276; *The Atlantic*,  
October, 1988; *The Times of London, Higher Education Supplement*,  
March 3, 1989; *Sky and Telescope*, 77, 501; *Astronomy*, August, 1989; Named  
one of the dozen best popular astronomy books of 1988 by *Mercury*,  
May/June, 1989.)

**Software:**

*Project CLEA Exercises*, co-authors Glenn Snyder, Michael Hayden, Richard Cooper,  
Mia Luehrmann, Rhonda Good. Simulations for the introductory astronomy  
laboratory. Distributed world-wide via website 1992-present  
<http://www.gettysburg.edu/~marschal/clea/CLEAhome.html>.

**Refereed Journals:**

Errmann, R., Neuhäuser, R., Marschall, L., Torres, G, Mugrauer, M., Chen, W.P., Hu,  
S.C.L., Briceno, C., Chini, R., Bukowiecki, L., Dimitrov, D.P., Jensen, E.L.N,  
Cohen, D.H., Wu, Z.-Y., Pirbulla, T., Vanko, M., Krushevska, V., Budaj, J.,  
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Nachrichten*, 334, 673 (2013)

Chen, W.P, Hu, S.C.-L., Errmann, R, Adam, Ch, Baar, S, Berndt, A, Bukowiecki, L,  
Dimitrov, D.P., Eisenbeiss, T, Fielder, S., Ginski, Ch, Graefe, C, Guo, J.K,  
Hohle, M.M., Hsiao, H.Y., Janulis, R, Kitze, M, Lin, H.C., Lin, C.S.,  
Maciejewski, G, Marka, C., Marschall, L, and 21 others. "A Possible Detection  
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Neuhäuser, R., Errman, R., Berndt, A., Maciejewski, G, Takahashi, H, Chen, W.P.,  
Dimitrov, D.P., Pribulla, T, Nikogossian, E.H., Jensen, E.L.N, Marschall, L.,  
and 71 others, "Young Exoplanet Transit Initiative", *Astronomische  
Nachrichten*, 332, 547-561 (2011)

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- Torres, Guillermo, Lacy, Claud H. Sandberg, Marschall, Laurence A., and Sheets, Holly A.\*, "The Eclipsing Binary V1061 Cygni: Confronting Stellar Evolution Models for Active and Inactive Solar-Type Stars", *Astrophys. Journal*, 640, 1018-1038 (2006)
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- Torres, Guillermo, Mader, Jeff A., Marschall, Laurence A., Neuhäuser, Ralph, and Duffy\*, Elaine S., "Optical Photometry and X-Ray Monitoring of the "Cool Algol" BD+05°706: Determination of the Physical Properties", *Astron. Journal*, 125, 3237 (2003)
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- Marschall, Laurence A., Snyder, Glenn A., and Cooper, P.Richard, "A Desktop Universe for the Introductory Astronomy Laboratory", *The Physics Teacher*, 38, 536, (2000)
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**Unrefereed Technical Articles**

J.B. Milingo, S.H. Saar, L.A. Marschall, and J.R. Stauffer, "Rotational Modulation, Shear, and Cyclic Activity in HII 1883, in *Physics of Sun and Star Spots*, *Proceedings IAU Symposium No. 273*, 74-77 (2010)

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Stephen P. Maran, Lynn R. Cominsky and Laurence A. Marschall, "Communicating Astronomy to the Media", *Astronomy Communication*, ed. By A. Heck and C. Madsen, Kluwer Academic Publishers, 19-29.(2003).

Eastwood, K., and Marschall, L.A., "The National Undergraduate Research Observatory", in *The Future of Small Telescopes in the New Millenium II: The Telescopes we Use*, ed. by Terry Oswalt, Kluwer Academic Publications, (2003), pp. 181-188

Marschall, L.A., "Big Glass on a Silicon Chip: The CLEA Project in the 21<sup>st</sup> Century", in *The Future of Small Telescopes in the New Millenium I: Perceptions, Productivity, and Priorities*, ed. by Terry Oswalt, Kluwer Academic Publications, (2003), pp. 125-138

Stephen P. Maran, Lynn R. Cominsky, and Laurence A. Marschall, "Astronomy and the News Media", in *Information Handling in Astronomy*, ed. by A. Heck, Kluwer Academic Publishers, 13-24 (2000)

\_\_\_\_\_, "Bringing the Universe into the Laboratory: Project CLEA: Contemporary Laboratory Exercises in Astronomy" , in *New Trends in Astronomy Teaching*, ed. by L. Gouguenheim, D. McNally, and J. R. Percy, Cambridge University Press, 79-87 (1998).

\_\_\_\_\_, "Bringing the Moon into the Classroom" ,*The Physics Teacher*, 34, 360 (Sept 1996).

\_\_\_\_\_, G.A. Snyder, M.B. Hayden, P.R. Cooper, M.K.Luehrmann, R.F.Good, "PROJECT CLEA: Three Years of Developing Computerized Exercises for the Introductory Astronomy Laboratory", in *Astronomy Education, Current Developments, Future Coordination*, ed. John R. Percy, Astronomical Society of the Pacific Conference Series, V. 89, (1996).

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16.08.13

**Abstracts of Papers at Meetings**

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- Jackie Milingo(Gettysburg College), S. H. Saar(Harvard-Smithsonian Center for Astrophysics), S. L. Lehman (Gettysburg College), L. A. Marschall (Gettysburg College, J. R. Stauffer(SOFIA/SETI Institute) "Rotational Modulation, Shear, And Cyclic Activity In HII 2927," *Bull. A.A.S., XX, XXX* (2012)
- Jacquelyne Milingo, L.A. Marschall (Gettysburg College), S.H. Saar(Harvard-Smithsonian Center for Astrophysics), J.R.Stauffer (Spitzer Science Center), and D.E. Backman (SOFIA/SETI Institute), "Rotational Modulation and Long-Term Activity Cycles in Spotted Stars," *Bull. A.A.S., 42, 835* (2010)
- Jan Paul Dabrowski (Marylhurst University), Glenn Snyder, L. A. Marschall (Gettysburg College), "Roemer Redux: A Virtual Observational Exercise on Jupiter's Moons and the Speed of Light from Project CLEA", *Bull. A.A.S., 41, 406* (2009)
- Glenn Snyder, L. A. Marschall, P. R. Cooper (Gettysburg College), "HR Diagrams Of Open Clusters: A Virtual Observational Exercise From Project Clea", *Bull. A.A.S., 39, 188* (2007)
- J.B. Milingo (Gettysburg College), A.D. Thomson (Colorado College), P.N.Truong (Texas A&M University), L.A. Marschall (Gettysburg College), D.E. Backman (SOFIA/SETI Institute), "V-Band Photometry of BY Draconis-Type Variables; Probing Long-Term Activity Cycles in Three Pleiades Members", *Bull. A.A.S., 39, 111* (2007)
- L.A. Marschall, G.A. Snyder, P.R. Cooper, (Gettysburg College), P. Plait, L. Cominsky, T. Graves, S. Silva, (XMM-Newton Education and Public Outreach, Sonoma State University), "Dying Stars and the Birth of the Elements: A Laboratory Exercise from Project CLEA and XMM-Newton", *Bull. A.A.S., 38, 97* (2006)
- L.A. Marschall, G.A. Snyder (Gettysburg College), J.J. Sudol (Denison University), C. Toner (National Solar Observatory), P.R. Cooper (Gettysburg College) "Transits of Venus and Mercury: A New Computer-Based Exercise from Project CLEA", *Bull. A.A.S., 37, 1261* (2005)
- L.A. Marschall (Gettysburg College), "Instrumentation at the Gettysburg College Observatory---and What to Do With It", *Bull. A.A.S., 36, 1621* (2004)

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