

Brian Oetiker
Assistant Professor
Physics
Arts & Sciences

Degrees Earned

Doctor of Philosophy, Physics, University of New Mexico, 2000

Master of Science, Physics, University of New Mexico, 1995

Bachelor of Science, Physics, University of Alberta, 1992

Professional Licensure and Certifications

Peer-Review Publications and Artistic Performances/Exhibitions

Articles

PSST: The Planet Search Survey Telescope

Author: Dunham, Edward W. et al. The Publications of the Astronomical Society of the Pacific, Volume 116, Issue 825, pp. 1072-1080.

A Spectrophotometric Technique for Detecting Low Mass Companions of Low-Mass M Dwarfs.

Author: B. Oetiker et al. PASP Vol.113, Num. 784. June, 2001.

Observational Limits on Terrestrial-sized Inner Planets around the CM Draconis System Using the Photometric Transit Method with a Matched-Filter Algorithm. Author: L.R. Doyle et al.

Astrophysical Journal, Vol. 535, Issue 1. May, 2000

Near-Term Detectability of Terrestrial Extrasolar Planets: TEP Network Observations of CM Draconis. Author: H-J Deeg et al. A&A, 338, 429. October, 1998.

Books

Chapters

Proceedings

Using COMSOL Multiphysics to Model an Induction Type Logging Tool: Can One Tell Up from Down? Author: Oetiker, Brian et al. Proceedings of the COMSOL Conference 2007 Boston, pp 41-48.

Searching for Companions to Late Type M Stars. Author: B. Oetiker et al. PASP Conf. Ser. From Giant Planets to Cool Stars, Vol. 212, 88. January, 2000.

Artistic Performances

Artistic Exhibitions

Research Monographs and Technical Reports

Out of This World: The Search for Extrasolar Planets. Author: B. Oetiker. The Lowell Observer. Issue #50. Spring, 2001.

Funded External Grants

Peer-Review Presentations/Posters

Using COMSOL Multiphysics to Model an Induction Type Logging Tool: Can One Tell Up from Down? Author: Oetiker, Brian et al. Proceedings of the COMSOL Conference 2007 Boston, pp 41-48.

Work or Professional Experiences

Honors and Awards

Durwood D. Young Award. Best PhD Dissertation in the Department of Physics and Astronomy at the University of New Mexico.

Other Competencies