BioSketch: Erika Hamden

Identifying Information

Name: Erika Hamden
Persistent Identifier (PID): 0000-0002-3131-7372
Position Title: Associate Professor and Director, University of Arizona Space Institute

Organization and Location

Name: University of Arizona, Steward Observatory
Location: Tucson, Arizona, USA

Professional Preparation

- **Postdoctoral Fellow,** California Institute of Technology, Pasadena, CA, USA 2014–2018
  Department of Physics, Math, and Astronomy

  R.A. & G.B. Millikan Prize Postdoctoral Fellowship in Experimental Physics

  NSF Astronomy and Astrophysics Postdoctoral Fellowship
- **Columbia University**, New York,, New York, NY, USA PhD, 5/2014
  Astronomy
- **Columbia University**, New York, NY, USA M.Phil, 5/2010
  Astronomy
- **Columbia University**, New York, NY, USA M.A., 5/2009
  Astronomy
- **Harvard College**, Cambridge, MA, USA A.B., 5/2006
  Astronomy and Astrophysics

Appointments and Positions

- **University of Arizona Space Institute**, Tucson, AZ, USA
  Director 2023–Present
- **University of Arizona, Steward Observatory**, Tucson, AZ, USA
  Associate Professor 2023–Present
- **University of Arizona, Steward Observatory**, Tucson, AZ, USA
  Assistant Professor 2018–2023

Products

1. “Eos: a FUV spectroscopic mission to observe molecular hydrogen in molecular clouds”. E. T. Hamden. D. Schiminovich, N. Turner, Neal et al. Proceedings of the SPIE, 13093, August 2024. https://ui.adsabs.harvard.edu/abs/2024SPIE13093E..0CH/abstract

2. "Hyperion: the origin of the stars. A far UV space telescope for high-resolution spectroscopy over wide fields". E. T. Hamden. D. Schiminovich, N. Turner, Neal et al. Journal of Astronomical Telescopes, Instruments, and Systems, 8(4), 044008, December 2022. https://ui.adsabs.harvard.edu/abs/2022JATIS...8d4008H/abstract

3. "FIREBall-2: The Faint Intergalactic Medium Redshifted Emission Balloon Telescope." E. T. Hamden, et. al. The Astrophysical Journal, Volume 898, Issue 2, id.170, 2020. https://ui.adsabs.harvard.edu/abs/2020ApJ...898..170H/abstract

4. "Multi-filament gas inflows fueling young star-forming galaxies". D. C. Martin, D.O. Sullivan, M. Matuszewski, E. T. Hamden, A. Dekel, P. Morrissey, J. D. Neill, S. Cantalupo, J. X. Prochaska, C. Steidel, R. Trainor, A. Moore. Nature, Volume 3, p. 822-831, 2019. https://ui.adsabs.harvard.edu/abs/2019NatAs...3..822M/abstract

5. "The Diffuse Galactic Far-ultraviolet Sky". E. T. Hamden, D. Schiminovich, and M. Seibert. Astrophysical Journal, 799:180H, Dec. 2013. https://ui.adsabs.harvard.edu/abs/2013ApJ...779..180H/abstract

6. "Ultraviolet anti-reflection coatings for use in silicon detector design". E. T. Hamden, F. Greer, M. E. Hoenk, J. Blacksberg, M. R. Dickie, S. Nikzad, D. C. Martin, and D. Schiminovich. Applied Optics, 50:4180–4188, July 2011. https://ui.adsabs.harvard.edu/abs/2011ApOpt..50.4180H/abstract

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Signature: Date: January 28, 2025

Erika Hamden

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