

Publications

Refereed Publications

1. **Joshi, M.** & Böttcher, M., 2011, *The Astrophysical Journal*, 727, 21.
Time-dependent Radiation Transfer in the Internal Shock Model Scenario for Blazar Jets.
2. Böttcher, M., et al., 2010, *The Astrophysical Journal*, 725, 2344.
Optical Spectral Variability of the Very High Energy Gamma-ray Blazar 1ES 1011+496.
3. Raiteri, C. M., et al., 2008, *Astronomy & Astrophysics*, 480, 339.
Radio-to-UV monitoring of AO 0235+164 by the WEBT and Swift during the 2006-2007 outburst.
4. Böttcher, M., Basu, S., **Joshi, M.**, et al., 2007, *The Astrophysical Journal*, 670, 968.
The WEBT Campaign on the Blazar 3C 279 in 2006.
5. **Joshi, M.** & Böttcher, M., 2007, *The Astrophysical Journal*, 662, 884.
Modeling the Spectral Energy Distribution and Variability of 3C 66A during the WEBT campaign of 2003–2004.
6. **Joshi, M.** & Böttcher, M., 2007, *International Journal of Modern Physics A*, Vol. 22, No. 19, p. 3147.
Modeling the Multiwavelength Spectra and Variability of 3C 66A in 2003–2004.
7. Ciprini S., et al., 2007, *Memorie della Societa Astronomica Italiana*, 78, 741.
Prominent activity of the blazar OJ 287 in 2005. XMM-Newton and multiwavelength observations.
8. Yost, S. A., et al., 2006, *The Astrophysical Journal*, 636, 959.
Optical Lightcurve and Cooling Break of GRB 050502A.
9. Böttcher, M., Harvey, J., **Joshi, M.**, et al., 2005, *The Astrophysical Journal*, 631, 169.
Coordinated Multiwavelength Observations of 3C 66A during the WEBT Campaign of 2003–2004.

Conference Papers and Circulars

1. **Joshi, M.**, et al., 2010, 215th AAS meeting, # 324.06
Multi-wavelength Spectral Analysis Of The Blazar 3c 279.

2. Reimer, A., **Joshi, M.**, & Böttcher, M., 2008, in proc. of “The 4th International Meeting on High Energy Gamma-Ray Astronomy”, Heidelberg, Germany, 2008.
The Blazar 3C 66A in 2003-2004: hadronic versus leptonic model fits.

3. **Joshi, M.**, & Böttcher, M., 2007, 211th AAS meeting, # 32.05.
Time-dependent Radiation Transfer in the Internal Shock Model for Blazar Jets.

4. **Joshi, M.**, 2007, in proc. of “15th Course of the International School of Cosmic Ray Astrophysics”, Erice, Italy, 2006.
it Modeling the Multiwavelength Spectra and Variability of 3c 66A in 2003-2004.

5. **Joshi, M.**, 2007, in proc. of ”The First GLAST Symposium”, Stanford University, Palo Alto, CA, 2007.
<http://glast.gsfc.nasa.gov/science/symposium/2007/posters.html>.

6. **Joshi, M.**, & Böttcher, M., 2006, in proc. of ”Blazar Variability Workshop II: Entering the GLAST Era”, Florida International University, Miami, FL, 2005, *ASP Conference Series*, Vol. 350, p. 14.
Modeling the SED and Variability of 3C 66A in 2003–2004.

7. Akerlof, Carl W., et al., 2006, 208th AAS meeting, # 54.03, Bulletin of the American Astronomical Society, Vol. 38, p.134.
Optical Observations of Gamma-Ray Bursts With ROTSE-III.

8. Böttcher, M., & **Joshi, M.**, 2005, *Gamma-Ray Burst Coordinates Network (GCN) circular # 4392.*
GRB 051221a: MDM Optical Observations.

9. Mirabal, N., Böttcher, M., Shields, J., **Joshi, M.**, & Halpern, J. P., 2005, *Gamma-Ray Burst Coordinates Network (GCN) circular # 3363.*
GRB 050502a: Optical Observations.

10. Harvey, J., Böttcher, M., **Joshi, M.**, et al., 2004, 205th AAS Meeting, San Diego, CA, 2005, no. 110.07.
Multiwavelength Observations of 3C 66A in 2003–2004.

11. Böttcher, M., **Joshi, M.**, et al., 2004, 8th HEAD Meeting, New Orleans, LA, 2004, BAAS, Vol. 36, no. 3, 4.10.
Multiwavelength Observations of 3C66A in 2003.