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Education 1999- Ph.D, Indian Institute of Astrophysics, Bangalore, India
1990- M.Sc., Physics., Indian Institute of Technology, Bombay, India
1988- B.Sc., Physics, University of Bombay, India

Employment 2004-Present: Research Astronomer, University of California, Berkeley, CA
2002-2004: Postdoctoral Researcher, University of California, Berkeley, CA
1999-2002: National Research Council Postdoctoral Research Associate, NASA-Ames

Relevant Publications

1. Line Emission from Gas in Optically Thick Dust Disks around Young Stars. Gorti, U. & Hollenbach, D. 2008, ApJ, in press.
2. Detection of [Ne II] Emission from Young Circumstellar Disks. Pascucci et al. including Gorti, U. 2007, ApJ, 663, 383.
3. Formation and Evolution of Planetary Systems: Upper Limits to the Gas Mass in Disks around Sun-like Stars., Pascucci, Gorti, Hollenbach et al. 2007, Astrophysical Journal 651, 1177-1193.
4. Formation and Evolution of Planetary Systems: Upper Limits to the Gas Mass in HD 105., Hollenbach, Gorti, Meyer et al. 2005, Astrophysical Journal 631, 1180-1190.
5. The Photoevaporation of Protoplanetary Disks by Their Central Stars. Hollenbach & Gorti 2007, Protostars and Planets V 8433.
6. Gas Heating, Chemistry, and Infrared Spectra in Intermediate-Aged Disks Around Low Mass Stars. Hollenbach, D., Gorti, U. 2004. Revista Mexicana de Astronomia y Astrofisica Conference Series 22, 33-37.
7. The Formation and Evolution of Planetary Systems: First Results from a Spitzer Legacy Science Program. Meyer, M. et al. including Gorti, Astrophysical Journal Supplement Series 154, 422-427.
8. Models of Chemistry, Thermal Balance, and Infrared Spectra from Intermediate-Aged Disks around G and K Stars. Gorti, U., Hollenbach, D. 2004. Astrophysical Journal 613, 424-447.

9. Photoevaporation of Circumstellar Disks Due to External Far-Ultraviolet Radiation in Stellar Aggregates. Adams, F. C., Hollenbach, D., Laughlin, G., Gorti, U. 2004. *Astrophysical Journal* 611, 360-379.
10. Photoevaporation of Clumps in Photodissociation Regions. Gorti, U., Hollenbach, D. 2002. *Astrophysical Journal* 573, 215-237.
11. Orbital decay of protostellar binaries in molecular clouds.. Gorti, U., Bhatt, H. C. 1996. *Monthly Notices of the Royal Astronomical Society* 283, 566-576.
12. Dynamics of embedded protostar clusters in clouds. Gorti, U., Bhatt, H. C. 1996. *Monthly Notices of the Royal Astronomical Society* 278, 611-616.
13. Effect of gas drag on the dynamics of protostellar clumps in molecular clouds. Gorti, U., Bhatt, H. C. 1995. *Monthly Notices of the Royal Astronomical Society* 272, 61-70.
14. Anomalous dust in the environment of Herbig Ae/Be stars. Gorti, U., Bhatt, H. C. 1993. *Astronomy and Astrophysics* 270, 426-431.