

UMd Conference on High Energy Astrophysics

Tuesday, May 1

1. Edmund Hodges-Kluck: “Growth of supermassive black holes and metallicity in quasars” by Wang, 2001, *A&A*, 376, L39
2. Sidharth Kumar: “Some Theoretical Implications of Short-Hard Gamma-Ray Burst observations” by Nakar, astro-ph/0703129
3. Tyrel Johnson: “The GLAST Burst Monitor” by Bhat et al., Proceedings of the 2003 GRB Conference
4. Safa Motesharrei: “Cosmic Strings: Lovely Objects!”
5. Jonah Kanner: “Magnetic fields and rotation in white dwarfs and neutron stars” by Ferrario and Wickramasinghe, 2005, *MNRAS*, 356, 615
6. Darian Boggs: “Gravitational Recoil from Spinning Binary Black Hole Mergers” by Herrmann et al., gr-qc/0701143

Thursday, May 3

1. Simon Slutsky: “Neutrinos from Accreting Neutron Stars” by Anchordoqui et al., 2003, ApJ, 589, 481
2. Steve Schwartz: “A debris disk around an isolated young neutron star” by Wang et al., 2006, Nature, 440, 772
3. Mike Koss: “InFocus Hard X-ray Imaging Telescope” by Tueller et al, 2006, Journal of Experimental Astronomy
4. Daniel Jontof-Hutter: “On the Eccentricities and Merger Rates of Double Neutron Star Binaries and the Creation of ‘Double Supernovae’” by Chaurasia and Bailes, 2005, ApJ, 632, 1054
5. Megan DeCesar: “Green Bank Telescope Observations of the Eclipse of Pulsar “A” in the Double Pulsar Binary PSR J0737-3039” by Kaspi et al. 2004, ApJ, 613, L137
6. Alexis Cornish: “Fallback Accretion in the Aftermath of a Compact Binary Merger” by Rosswog, 2007, MNRAS, 376, L48

Reminders: please give me your PowerPoint file before class begins, so that I can load it on my computer. Talks will be 10 minutes long, leaving 2 minutes for questions and changeover. All written presentations are due at the beginning of class on Thursday, May 3.