

JSI Minisymposium: Accretion Astrophysics Friday, February 17, 2012 CSS 2400,
University of Maryland

Effects of accretion disks on spins and eccentricities of binaries, and
implications for gravitational waves.

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Space-based gravitational wave observations will allow exquisitely precise measurements of massive black hole binary properties. Through several recently suggested processes, these properties may depend on interactions with accretion disks through the merger process. I will discuss ways that accretion may influence those binary properties which may be probed by gravitational-wave observations.