

Abstract Submitted
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Progress in modeling of black hole binaries JAMES VAN METER,
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SEAN MCWILLIAMS, NASA/GSFC, NASA/GSFC TEAM — Frontiers of numerical studies of black hole binaries include large mass ratios, analysis of gravitational waveform-dependence on spin and comparison with analytic models, qualitatively new effects of large precession, precise calculation of spin, general analytic fitting of radiative recoil, and modeling of accreting matter. Results of simulations pertinent to these areas are presented, as well as some discussion of relevant numerical methods.

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