

Abstract Submitted  
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**High Resolution Black Hole Simulations** PAUL WALTER,  
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of Texas at Austin, ANDREA NEROZZI, University of Jena, MATT ANDERSON,  
Brigham Young University — Developed at the University of Texas, openGR is an  
open framework for numerical simulations. We discuss results of high resolution bi-  
nary black hole merger simulations and the resulting gravitational radiation. Fixed  
Mesh Refinement (FMR) simulations using openGR were carried out on Ranger, the  
new supercomputer at TACC (Texas Advanced Computing Center). Convergence  
results are also discussed.

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