

Abstract Submitted
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Binary Black Hole Mergers in SpEC BELA SZILAGYI, Caltech —
The Caltech-Cornell spectral Einstein Code (SpEC) is now able to robustly and accurately evolve binary black hole systems through the inspiral, merger and ring-down phases. This is attributed to new gauge conditions as well as a robustly stable numerical algorithm. The talk will highlight the key new elements of our algorithm.

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