

Abstract Submitted  
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**Small scale structure in the approach to the singularity** DAVID GARFINKLE, Oakland University, FRANS PRETORIUS, WOEI CHET LIM, Princeton University — Numerical simulations are performed of the approach to a general spacetime singularity. In these simulations small scale structure forms on surfaces of codimension 1. The simulations are done with adaptive mesh refinement that resolves the small scale structure. The shape of the small scale structure is compared to an approximate formula for that shape.

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