

Abstract Submitted
for the APR14 Meeting of
The American Physical Society

Quantum fluctuations and the small scale structure of spacetime¹

STEVEN CARLIP, UC Davis — Quantum fluctuations of the stress-energy tensor almost certainly cause light rays to converge very rapidly at distances a bit above the Planck scale. I will explain why this is true, and offer some wild speculations about the implications for the small scale structure of spacetime.

¹Supported in part by Department of Energy grant DE-FG02-91ER40674.

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Date submitted: 07 Jan 2014

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