

Title: Curved space, monsters and black hole entropy

Date: Nov 20, 2008 02:00 PM

URL: <http://pirsa.org/08110026>

Abstract: I discuss a class of compact objects ('monsters') with more entropy than a black hole of the same ADM mass. Such objects are problematic for AdS/CFT duality and the conventional interpretation of black hole entropy as counting of microstates. Nevertheless, monster initial data can be constructed in semi-classical general relativity without requiring large curvatures or energy densities.

