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Use holography (AdS/CFT) to study black holes.

Focus on Anti-de Sitter black holes from string theory/supergravity

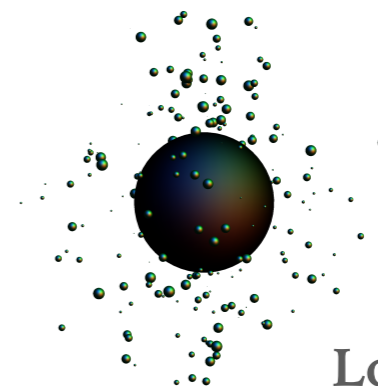
- *Black hole microstate counting via dual field theory. Degrees of freedom of a quantum theory of gravity!*

$$S_{BH} = \frac{Ac^3}{4G\hbar}$$

- *Model condensed matter phenomena with AdS black holes, i.e. disordered glassy systems*



High T



Low T