



Contribution ID: 27

Type: **not specified**

Black brane steady states

Thursday, 16 April 2015 11:20 (30 minutes)

We follow the evolution of an asymptotically AdS black brane with a fixed temperature gradient at spatial infinity until a steady state is formed. The resulting energy density and energy flux of the steady state in the boundary theory are compared to a conjecture on the behavior of steady states in conformal field theories. Very good agreement is found.

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Session Classification: Morning session