

The entropy of Holographic CFTs at large charge and angular momentum

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Black holes in AdS_d (with $d \geq 4$) are always unstable at large angular momentum, and sometimes unstable at large charge. In this talk we present proposals for the end point of these instabilities. Our constructions suggest new entropy formulae for $calN = 4$ Yang-Mills in the neighbourhood of extremality, and in particular on the BPS manifold.

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Classification de Session: Formal theory