Report on "Universal Gibbons-Hawking-York term...."

This paper contains the construction of GHY terms for a very general class of metric-affine theories of gravity, referred to as MAG theories in the text. These are models of gravity featuring torsion as well as non metricity. A general approach in n dimensions is developed and exemplified in several cases, recovering old results for $n = 4$ as well as finding new ones.

The GHY terms are necessary to make the variational problem well-defined and the results in the present paper are thus important.

A further motivation for the derivation is to establish holographic renormalisation of gravity theories, a topic that the authors plan to return to based on the results in the present paper.

The work represents important novel research.

The presentation is very clear, in particular the disposition is commendable.

Publication is definitely recommended.