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Alexander Dranishnikov and **Thanos Gentimis*** (thanos@ufl.edu), LITTLE HALL 439,
Department of Mathematics, University Of Florida, Gainesville, FL 32601. *On cohomology of the
Higson compactification of hyperbolic spaces.*

We show that in dimensions > 1 the cohomology groups of the Higson compactification of the hyperbolic space \mathbb{H}^n with respect to the C_0 coarse structure are trivial. Also we prove that the cohomology groups of the Higson compactification of \mathbb{H}^n for the bounded coarse structure are trivial in all even dimensions. (Received November 19, 2011)