1016-53-135 **Gordon Craig*** (gcraig@ubishops.ca), College Street, Lennoxville, Quebec J1M1Z7, Canada. Dehn Filling and Asymptotically Hyperbolic Einstein manifolds.

We extend Anderson's higher-dimensional Dehn filling construction to a large class of infinite-volume hyperbolic manifolds. This gives an infinite family of topologically distinct asymptotically hyperbolic Einstein manifolds with the same conformal infinity. This construction is done through a gluing procedure, and involves finding a sequence of approximate solutions to the Einstein equations and then perturbing them to exact ones. (Received February 08, 2006)