

1096-46-1081 **Bogdan Teodor Udrea*** (budrea@illinois.edu), 1409 W. Green Street, Urbana, IL 61801, and
Ionut Chifan and **Thomas Sinclair**. *Inner amenability for groups and central sequences in factors.*

We show that a large class of i.c.c., countable, discrete groups satisfying a weak negative curvature condition are not inner amenable. By recent work of Hull and Osin, our result recovers that mapping class groups and $Out(F_n)$ are not inner amenable. We also show that the group-measure space constructions associated to free, strongly ergodic p.m.p. actions of such groups do not have property Gamma of Murray and von Neumann. This is joint work with Ionut Chifan and Thomas Sinclair. (Received September 12, 2013)