Stable ergodicity and frame flows

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I can give a talk about joint work with Mark Pollicott on the frame flows of compact negatively curved manifolds. We show that the time one map of the frame flow is stably ergodic in all cases where Brin, Gromov and Karcher showed that the frame flow is ergodic. Our methods also apply to manifolds of dimension 7 or 8 with curvature sufficiently close to -1, thus providing results in the two dimensions where the methods of Brin, Gromov and Karcher do not apply.