Strong hyperbolicity of high entropy measures

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In this paper, we study ergodic measures of partially hyperbolic diffeomorphisms whose center foliation is 1-dimensional and forms a circle bundle. We show that for any such \$C^2\$ diffeomorphism which is accessible, weak hyperbolicity of ergodic measures of high entropy implies that the system itself is of rotation type. This is a joint work with J. Yang (UFF).