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continuous metrics and scalar curvature

A classical Theorem in conformal geometry states that on a closed manifold with non-positive Yamabe invariant, a smooth metric achieving the invariant must be Einstein. It is conjectured by Schoen that the same conclusion still hold if a metric is uniform bi-Lipschitz and is smooth away from a co-dimension three sub-manifold. In this talk, we will discuss some of the recent progress toward the conjecture. This is a joint work with L.-F. Tam.