

**STRUCTURE OF DEGENERATION LIMITS OF MANIFOLDS
WITH BOUNDED BAKRY-ÉMERY RICCI CURVATURE**

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Tencent Room: 990 939 611

Abstract: We will present some joint works with Qi S Zhang about the generalization of Cheeger-Colding-Tian-Naber's results on the structure of Gromov-Hausdorff limits of Riemannian manifolds. Our basic assumptions are that the Bakry-Émery Ricci curvature of a sequence of manifolds is uniformly bounded from below, and the gradient of the potential functions is uniformly bounded.