

RATIONAL ELLIPTICITY OF RIEMANNIAN MANIFOLDS

Speaker: Xiaoyang Chen
Tongji University

Time: Fri, Nov 27, 15:00-16:00

Tencent Room: 208 565 703

Abstract: It was conjectured by Bott-Grove-Halperin that a compact simply connected Riemannian manifold with nonnegative sectional curvature is rationally elliptic, i.e., it has finite dimensional rational homotopy groups. We will discuss some recent progress on this conjecture.