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Joint Geometric Analysis Seminar

(Part of MIST program)

*Volume growth and first eigenvalue of
noncompact 3-manifolds with positive
scalar curvature*

*Mr. Doug Stryker
Princeton University*

Abstract

Gromov's μ -bubble technique is a powerful tool in 3-manifold geometry. I will present a general geometric argument using μ -bubbles that applies to 3-manifolds with positive scalar curvature and stable minimal hypersurfaces in certain 4-manifolds, based on joint work with Otis Chodosh and Chao Li.

Date: October 14, 2022 (Friday)
Time: 11:00am – 12:00pm (Hong Kong time)
ZOOM link: <https://cuhk.zoom.us/j/91805734715>

All are Welcome