Joint Geometric Analysis Seminar

(Part of MIST program)

The spherical Plateau problem

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Abstract

For any closed oriented manifold with fundamental group G, or more generally any group homology class h for a group G, I will introduce an infinite codimension Plateau problem associated with h. This comes from an invariant called the spherical volume, which was defined by Besson-Courtois-Gallot in their study of the volume entropy. I will discuss some uniqueness and existence results for Plateau solutions.

Date: April 13, 2022 (Wednesday)
Time: 11:00am – 12:00pm (Hong Kong time)
ZOOM link: https://cuhk.zoom.us/j/91805734715

All are Welcome