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Seminar

Ribbon Homology Cobordisms

Dr. Mike Chuen-Ming Wong

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Abstract: A cobordism between 3-manifolds is ribbon if it has no 3-handles. Such cobordisms arise naturally from several different topological and geometric contexts. In this talk, we describe a few obstructions to their existence, from Thurston geometries, character varieties, and instanton and Heegaard Floer homologies, and some applications.

Date: Friday, 10 January 2020
Time: 2:00 p.m. – 4:00 p.m.
Venue: Rm 222, Lady Shaw Building,
The Chinese University of Hong Kong, Shatin

All are Welcome!