

Geometry, Topology and Dynamics Seminar

Geometry & topology of complex hyperbolic 2-manifolds

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Abstract: I will discuss the geometry and topology of complex hyperbolic 2-manifolds, highlighting open questions and recent progress directly inspired by the last 40 years of work on hyperbolic 2- and 3-manifolds. Emphasis will be on explicit topological constructions (particularly of minimal volume manifolds), fibrations, and betti numbers. Much of this will cover joint work with Luca Di Cerbo.

Monday, January 22 at 3:00 PM in SEO 636