

***LINEARITY CRITERIA FOR AUTOMORPHISM GROUPS
OF HYPERBOLIC GROUPS***

**Speaker: Mark Pengitore
Institute of Mathematics
of the Polish Academy of Sciences**

Time: Fri, Nov. 28th, 16:00 - 17:00

Venue: Room 102, SCMS

Abstract:

In this talk, we can give a general criterion for the automorphism group of nonelementary hyperbolic groups to be linear in terms of certain epimorphisms from the hyperbolic group to finite products of finite simple groups of Lie type. Potential applications include the question of linearity of mapping class groups.