

Welcome to International Group Theory Web Seminar

Chloe Perin (Universite de Strasbourg)

"Homogeneity of the free group."

Feb 17, 12:00am (New York Time).

Abstract:

Following the works of Sela and Khalampovich-Myasnikov on the Tarski problem, we are interested in the first order properties of free and hyperbolic groups. A countable group G is said to be homogeneous if any two tuples of elements which satisfy the same first order formulas are in the same orbit under the action of the group of automorphisms of G . In a joint work with Rizos Sklinos, we showed that free groups of finite rank are homogeneous, but that most surface groups do not have this property.

Next presentation: **Mar 3. Tara Davis, "Distortion in Wreath Products of Cyclic Groups"**

