

# “Group Theory International” Online Seminar

Olga Kharlampovich

(Hunter College, CUNY)

“*Definable subsets in hyperbolic groups*”

Thursday, Mar 29, noon (New York Time)

## Abstract:

We describe definable subsets in free and hyperbolic groups and prove the Bestvina and Feighn's result that in a free group they are negligible. This answers Malcev's question stated in 1965.

These are joint results with A. Miasnikov.

Next presentation: **Apr 12, 2012.** *Volodymyr Nekrashevych (Texas A&M University)*

