Mathematics Colloquium at IUB

Laurent Bartholdi

(EPF Lausanne)

will speak on

Insanely twisted rabbits

Date: **Monday, November 27, 2006**
Time: **17:15**
Place: **Lecture Hall Research II, IUB**

Abstract:

(Joint work with V. Nekrashevych.)

A construction due to Nekrashevych associates a finitely generated group with any post-critically finite dynamical system; in particular with any map from the family $z \mapsto z^2 + c$.

I will explain how this construction can be used to answer an old open question by Douady and Hubbard, connected to combinatorial equivalence of quadratic maps.

Colloquium Tea at ca. 16:45 in the Tea Room of Research II, close to the lecture hall. Everybody is welcome!

M. Stoll