WESTFÄLISCHE
WILHELMS-UNIVERSITÄT
MÜNSTER

E i n l a d u n g

zum

Kolloquium des Mathematischen Instituts
(unterstützt vom Graduiertenkolleg und SFB 478)

am Donnerstag, 18.06.2009 um 16:30 Uhr, im Hörsaal M5, spricht

Professor Viktor Schroeder

(Universität Zürich)

über das Thema:

„Asymptotic geometry of metric spaces "

Abstract:

This is an introduction to some aspects of the asymptotic geometry of metric spaces. With asymptotic geometry we mean the study of the large scale aspects of metric spaces where we ignore completely the local geometry of the spaces in question. In particular the spaces can be discrete which says in some sense that the local geometry does not exist. The Gromov hyperbolic spaces form a particularly nice class of spaces, where the global geometry can be studies by elementary methods: for this class of spaces one can define a boundary at infinity and it turns out that the whole asymptotic geometry can be decoded by the properties of this boundary.

Tee wird ab 16 Uhr im SR0 des Mathematischen Instituts serviert.