Mathematics Colloquium at IUB

LEONID POTYAGAILO
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will speak on

Non-Coherent Lattices in Hyperbolic Spaces of Dimensions Bigger Than 3

Date: Monday, September 11, 2006
Time: 17:15
Place: Lecture Hall Research II, IUB

Abstract:
In a joint paper with M. Kapovich and E. Vinberg we proved that all non-uniform arithmetic lattices in the hyperbolic spaces of dimension bigger than 5 are non-coherent (i.e. they contain finitely generated but infinitely presented subgroups). For uniform lattices and non-arithmetic lattices we constructed in every dimension $n > 3$ a series of non-coherent examples.

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