Colloquium

Jeudi 30 octobre 2008
Salle P2-132, 14h30

Z. Buczolich (Budapest)

"Almost everywhere convergence of ergodic averages"

"I will discuss some recent progress related to generalizations of Birkhoff's ergodic theorem. The results include the answer to J. Bourgain's question about almost everywhere convergence of Birkhoff averages along the squares of L^1 functions, the solution to I. Assani's counting problem and progress related to the ergodic bilinear Hardy-Littlewood function (definitions and some history of these problems will be given in the talk). A substantial part of my talk is based on joint papers with I. Assani and D. Mauldin."

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