

## Special Lectures in Analysis/Number Theory

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Norm Convergence of Nonconventional Ergodic Averages

Miguel Walsh

Buenos Aires

**Date & Time:** Wed, 03/27/2013 - 13:30 - 14:30

**Location:** West Bldg. Lecture Hall

Consider a group of measure preserving transformations acting on a probability space. The limiting behavior of the nonconventional ergodic averages associated with this action has been the subject of much attention since the work of Furstenberg on Szemerédi's theorem. We will discuss this problem, and how to establish the convergence of these averages whenever the group is nilpotent.

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Mon, 03/11/2013 - 15:43

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terms:

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