

# Miguel N. Walsh

Mathematical Institute  
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## EDUCATION

2010-2012 Doctorado en Ciencias Matemáticas (PhD), Universidad de Buenos Aires.  
2007-2010 Licenciatura en Ciencias Matemáticas, Universidad de Buenos Aires.

## PUBLICATIONS

M. Walsh, *Bounded rational points on curves*, preprint, 2013.  
M. Walsh, *The algebraicity of ill-distributed sets*, Geometric and Functional Analysis **24** (2014), no. 3, 959-967.  
M. Walsh, *Norm convergence of nilpotent ergodic averages*, Annals of Mathematics **175** (2012), no. 3, 1667-1688.  
M. Walsh, *The inverse sieve problem in high dimensions*, Duke Mathematical Journal **161** (2012), no. 10, 2001-2022.

## ACADEMIC POSITIONS

2014 - Special Fellow, Merton College, Oxford  
2014 - Clay Research Fellow  
2013 - 2014 Postdoctoral Researcher, University of Oxford

## PRIZES AND AWARDS

2014 Premio Miguel Herrera  
2014 Premio Enrique Gaviola  
2014 ICTP/IMU Ramanujan Prize  
2014 Clay Research Fellowship  
2013 MCA Prize

## GRANTS AND FELLOWSHIPS

2014-2018 Clay Research Fellowship  
2011-2013 CONICET doctoral fellowship type I

## SHORT VISITS

11/2014 University of Chicago, USA.  
11/2014 Northwestern University, USA.  
11/2013 University of California, Los Angeles, USA.  
04/2013 École Normale Supérieure, Paris, France.  
03/2013 Institute for Advanced Study, Princeton, USA.  
03/2013 Courant Institute, New York, USA.  
01-02/2013 University of Cambridge, Cambridge, UK.  
04/2012 Stanford University, California, USA.  
11/2011 Universidad de Chile, Santiago, Chile.

## SELECTED TALKS

- 11/2014 Department Colloquium, University of Chicago, USA.
- 11/2014 Department Colloquium, Northwestern University, USA.
- 10/2014 ICTP 50th Anniversary, Trieste, Italy.
- 05/2014 Number Theory Seminar, University of Oxford, UK.
- 05/2014 IPAM Workshop, Los Angeles, USA.
- 11/2013 Departamental Colloquium, UCLA, USA.
- 11/2013 Joint Caltech/UCLA Analysis Seminar, Los Angeles, USA.
- 11/2013 Combinatorics Seminar, University of Bristol, UK.
- 09/2013 Plenary Lecture, Reunión de la Unión Matemática Argentina, Rosario, Argentina.
- 08/2013 Workshop on Combinatorics, Number Theory and Dynamical Systems, IMPA, Brazil.
- 08/2013 Award Talk, Mathematical Congress of the Americas, Mexico.
- 08/2013 Dynamical Systems Session, Mathematical Congress of the Americas, Mexico.
- 04/2013 Institut Henri Poincaré, Paris, France.
- 04/2013 Institut de mathématiques de Jussieu, Paris, France.
- 03/2013 Special Lectures in Analysis/Number Theory, Institute for Advanced Study, Princeton, USA.
- 03/2013 Dynamics Seminar, Courant Institute, USA.
- 02/2013 Discrete Analysis Seminar, University of Cambridge, UK (2 talks).
- 09/2012 Lie Theory Seminar, Universidad de Córdoba, Argentina.
- 05/2012 Departamental Colloquium, Universidad de Buenos Aires, Argentina.
- 04/2012 AGRA School: Arithmetic, Groups and Analysis, Universidad de Chile, Chile.
- 04/2012 Number Theory Seminar, Stanford University, USA.
- 03/2012 Workshop on Ergodic Theory and Dynamical Systems, UNC Chapel Hill, USA.
- 11/2011 Workshop on Dynamics and Combinatorics, Schrödinger Institute, Austria.
- 11/2011 Centro de Modelamiento Matemático, Universidad de Chile, Chile (3 talks).
- 05/2011 Number Theory Seminar, Universidad de Buenos Aires, Argentina.
- 11/2010 Functional Analysis Seminar, Instituto Argentino de Matemática, Argentina.