

School of Mathematics

[Working Group on Algebraic Number Theory](#)

Submitted by admin on Tue, 03/19/2013 - 15:01

Date & Time: Thu, 04/18/2013 - 14:00 - 16:00

Location: S-101

terms:

- [School of Mathematics](#)
-

[Joint IAS/PU Number Theory Seminar](#)

Submitted by admin on Tue, 03/19/2013 - 15:01

Non-Archimedean Approximations by Special Points

Philipp Habegger

University of Frankfurt; Member, School of Mathematics

Date & Time: Thu, 03/28/2013 - 16:30 - 17:30

Location: Fine Hall 214

terms:

- [School of Mathematics](#)
-

[Working Group on Algebraic Number Theory](#)

Submitted by admin on Tue, 03/19/2013 - 15:01

Date & Time: Thu, 04/11/2013 - 14:00 - 16:00

Location: Fine Hall -- 801

terms:

- [School of Mathematics](#)
-

[Joint IAS-PU Symplectic Geometry Seminar](#)

Submitted by admin on Tue, 03/19/2013 - 14:01

Dimers and Integrability

Richard Kenyon

Brown University

Date & Time: Fri, 03/29/2013 - 13:30 - 14:30

Location: S-101

Video Link:

<http://video.ias.edu/jointiaspu/1213/0329-RichardKenyon>

This is joint work with A. B. Goncharov. To any convex integer polygon we associate a Poisson variety, which is essentially the moduli space of connections on line bundles on (certain) bipartite graphs on a torus. There is an underlying integrable Hamiltonian system whose Hamiltonians are weighted sums of dimer covers.

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- [School of Mathematics](#)

[Special Seminar Lecture](#)

Submitted by admin on Tue, 03/19/2013 - 11:01

The Hypoelliptic Laplacian: An Introduction

Jean-Michel Bismut

Universite de Paris-Sud

Date & Time: Tue, 03/26/2013 - 11:00 - 12:00

Location: S-101

Video Link:

<http://video.ias.edu/speciallectures/1213/0326-Jean-MichelBismut>

terms:

- [School of Mathematics](#)

[Mathematical Conversations](#)

Submitted by admin on Mon, 03/18/2013 - 16:01

Constructing Invariants in Symplectic Geometry

Alvaro Pelayo

Washington University; Member, School of Mathematics

Date & Time: Fri, 03/29/2013 - 18:00 - 19:30

Location: Dilworth Room

Rooms: Dilworth Room - Rear

Rooms: Dilworth Room

terms:

- [Facilities Schedule](#),
- [School of Mathematics](#)

[Analysis Seminar](#)

Submitted by admin on Mon, 03/18/2013 - 14:01

Partial Regularity of Solutions to the Navier-Stokes Equations in High Dimensions

Series: Analysis Seminar

Hongjie Dong

Brown University

Date & Time: Tue, 03/26/2013 - 15:15 - 16:15

Location: S-101

terms:

- [School of Mathematics](#)
-

[Special Lectures in Analysis/Number Theory](#)

Submitted by admin on Mon, 03/18/2013 - 10:01

Statistics of the Zeros of the Zeta Function: Mesoscopic and Macroscopic Phenomena

Brad Rodgers

University of California, Los Angeles

Date & Time: Wed, 03/27/2013 - 16:30 - 17:30

Location: West Bldg. Lecture Hall

Video Link:

<http://video.ias.edu/ANtheory/1213/0327-BradRodgers>

We review the well known microscopic correspondence between random zeros of the Riemann zeta-function and the eigenvalues of random matrices, and discuss evidence that this correspondence extends to larger mesoscopic collections of zeros or eigenvalues. In addition, we discuss interesting phenomena that appears in the statistics of even larger macroscopic collections of zeros. The terms microscopic, mesoscopic, and macroscopic are from random matrix theory and will be defined in the talk.

terms:

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