

School of Mathematics

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

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

Mean Values of L-Functions for the Hyperelliptic Ensemble

Julio Andrade

Brown University

Date & Time: Wed, 03/27/2013 - 15:45 - 16:30

Location: West Bldg. Lecture Hall

Video Link:

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

Thanks to the work of Katz and Sarnak on L-functions over function fields, we know that the Frobenius classes associated to L-functions of hyperelliptic curves over a finite field with q elements, F_q , becomes equidistributed in the unitary symplectic group in the limit as the genus of the curve is fixed and q is large.

terms:

- [School of Mathematics](#)

[Univalent Foundations Seminar](#)

Submitted by admin on Fri, 03/15/2013 - 16:01

Substructural Type Theory

Noam Zeilberger

IMDEA Software Institute; Member, School of Mathematics

Date & Time: Fri, 03/22/2013 - 11:00 - 12:30

Location: S-101

Video Link:

<http://video.ias.edu/univalent/1213/0322-NoamZeilberger>

terms:

- [School of Mathematics](#)

[Univalent Foundations Seminar](#)

Submitted by admin on Fri, 03/15/2013 - 16:01

Gluings in Homotopy Type Theory

Michael Shulman

University of California, San Diego; Member, School of Mathematics

Date & Time: Wed, 03/20/2013 - 11:00 - 12:30

Location: S-101

Video Link:

<http://video.ias.edu/univalent/1213/0320-MichaelShulman>

terms:

- [School of Mathematics](#)

[Univalent Foundations Seminar](#)

Submitted by admin on Fri, 03/15/2013 - 16:01

A Proof Assistant Prototype Based on Algebraic Effects and Handlers

Andrej Bauer

University of Ljubljana, Slovenia; Member, School of Mathematics

Date & Time: Thu, 03/21/2013 - 11:00 - 12:30

Location: S-101

Video Link:

<http://video.ias.edu/univalent/1213/0321-AndrejBauer>

terms:

- [School of Mathematics](#)

[Working Group on Univalent Foundations](#)

Submitted by admin on Wed, 03/13/2013 - 17:01

Date & Time: Wed, 03/13/2013 - 13:30 - 15:00

Location: West Bldg. Lecture Hall

Rooms: West Lecture Hall

terms:

- [School of Mathematics](#)

[Mathematical Conversations](#)

Submitted by admin on Wed, 03/13/2013 - 14:01

A Trip to the Moon

Marian Gidea

Northeastern Illinois University; Member, School of Mathematics

Date & Time: Wed, 03/20/2013 - 18:00 - 19:30

Location: Dilworth Room

Rooms: Dilworth Room - Rear

Rooms: Dilworth Room

terms:

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

[Members Seminar](#)

Submitted by admin on Wed, 03/13/2013 - 14:01

Rigidity of Actions on $CAT(0)$ Cube Complexes

Series: Members Seminar

Alessandra Iozzi

ETH-Zurich; Member, School of Mathematics

Date & Time: Mon, 03/25/2013 - 14:00 - 15:00

Location: S-101

terms:

- [School of Mathematics](#)

[Analysis Seminar](#)

Submitted by admin on Wed, 03/13/2013 - 12:01

Dynamics of Gibbs Measure Evolution for the Radial Nonlinear Schrödinger and Wave Equations on the Ball

Series: Analysis Seminar

Aynur Bulut

Member, School of Mathematics

Date & Time: Tue, 03/19/2013 - 15:15 - 16:15

Location: S-101

Video Link:

<http://video.ias.edu/analysis/1213/0319-AynurBulut>

In this talk, we present recent works with Jean Bourgain on global well-posedness for the radial nonlinear Schrödinger and wave equations set on the unit ball in \mathbb{R}^N with supercritical data chosen randomly in the support of the corresponding Gibbs measure. Our results include a full treatment of power-type nonlinearities for which the Gibbs measure is well-defined for the 3D nonlinear wave and 2D nonlinear Schrödinger equations, while in the case of 3D NLS, our approach is the first to enable treatment of supercritical data on the ball.

terms:

- [School of Mathematics](#)

[Univalent Foundations Seminar](#)

Submitted by admin on Wed, 03/13/2013 - 11:01

Natural Models of Type Theory

Steve Awodey

Carnegie Mellon University; Member, School of Mathematics

Date & Time: Thu, 03/28/2013 - 11:00 - 12:30

Location: S-101

Video Link:

<http://video.ias.edu/univalent/1213/0328-SteveAwodey>

terms:

- [School of Mathematics](#)

[Univalent Foundations Seminar](#)

Submitted by admin on Wed, 03/13/2013 - 11:01

The James Construction and $\pi_4(S^3)$

Guillaume Brunerie

School of Mathematics, IAS

Date & Time: Wed, 03/27/2013 - 11:00 - 12:30

Location: S-101

Video Link:

<http://video.ias.edu/univalent/1213/0327-GuillaumeBrunerie>

terms:

- [School of Mathematics](#)

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