

## School of Mathematics

### [Univalent Foundations Seminar](#)

Submitted by admin on Wed, 03/27/2013 - 12:01

On the Category of hSets

Bas Spitters

Radboud University Nijmegen; Member, School of Mathematics

**Date & Time:** Wed, 04/03/2013 - 11:00 - 12:30

**Location:** S-101

**Video Link:**

<http://video.ias.edu/univalent/1213/0403-BasSpitters>

terms:

- [School of Mathematics](#)

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### [Workshop on Topology: Identifying Order in Complex Systems](#)

Submitted by admin on Mon, 03/25/2013 - 16:01

Properties of Cellular Microstructures: Polycrystals, Foams, and their Idealizations

David Srolovitz

University of Pennsylvania

**Date & Time:** Wed, 04/03/2013 - 13:30 - 14:30

**Location:** David Rittenhouse Laboratory, 4N12

terms:

- [School of Mathematics](#)

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### [Workshop on Topology: Identifying Order in Complex Systems](#)

Submitted by admin on Mon, 03/25/2013 - 16:01

Evolutionary Dynamics on Correlated Fitness Landscapes

Joshua Plotkin

University of Pennsylvania

**Date & Time:** Wed, 04/03/2013 - 15:00 - 16:00

**Location:** David Rittenhouse Laboratory, A6

terms:

- [School of Mathematics](#)
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### [Workshop on Topology: Identifying Order in Complex Systems](#)

Submitted by admin on Mon, 03/25/2013 - 16:01

Towards a Covariant Theory of Coarsening via Emergent Symmetries

Stephen Watson

University of Glasgow

**Date & Time:** Wed, 04/03/2013 - 16:30 - 17:30

**Location:** David Rittenhouse Laboratory, A8

**Note:** (joint with Math Department)

terms:

- [School of Mathematics](#)
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### [Joint IAS/PU Number Theory Seminar](#)

Submitted by admin on Mon, 03/25/2013 - 15:01

A Converse to a Theorem of Gross-Zagier-Kolyvagin

Christopher Skinner

Princeton University; Member, School of Mathematics

**Date & Time:** Thu, 04/04/2013 - 16:30 - 17:30

**Location:** S-101

**Video Link:**

<http://video.ias.edu/jointiaspu/1213/0404-ChristopherSkinner>

The theorem of the title is that if the L-function  $L(E,s)$  of an elliptic curve  $E$  over the rationals vanishes to order  $r=0$  or  $1$  at  $s=1$  then the rank of the group of rational points of  $E$  equals  $r$  and the Tate-Shafarevich group of  $E$  is finite. This talk will describe an approach to the converse. The methods are mostly  $p$ -adic.

terms:

- [School of Mathematics](#)
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### [Members Seminar](#)

Submitted by admin on Thu, 03/21/2013 - 14:01

Conformal Dynamics in Pseudo-Riemannian Geometry: Around a Question of A. Lichnerowicz

**Series:** Members Seminar

Charles Frances

Universite Paris-Sud 11; Member, School of Mathematics

**Date & Time:** Mon, 04/01/2013 - 14:00 - 15:00

**Location:** S-101

**Video Link:**

<http://video.ias.edu/members/1213/0401-CharlesFrances>

In the middle of the sixties, A. Lichnerowicz raised the following simple question: "Is the round sphere the only compact Riemannian manifold admitting a noncompact group of conformal transformations?" The talk will present the developments which arose from Lichnerowicz's question. It will be an opportunity to see diverse aspects of conformal dynamics in Riemannian, as well as Lorentzian geometry

terms:

- [School of Mathematics](#)

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### [School of Math Cocktail Party](#)

Submitted by admin on Thu, 03/21/2013 - 12:01

**Date & Time:** Tue, 10/08/2013 - 17:30 - 19:30

**Rooms:** Dining Hall

terms:

- [School of Mathematics](#)

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### [Univalent Foundations Tutorial](#)

Submitted by admin on Wed, 03/20/2013 - 16:01

Isomorphism of Types: A Simple(-Typed) Viewpoint

Sergei Soloviev

## School of Mathematics

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Institut de Recherche en Informatique de Toulouse

**Date & Time:** Mon, 03/25/2013 - 16:00 - 17:30

**Location:** S-101

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## [Working Group on Algebraic Number Theory](#)

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

**Date & Time:** Thu, 04/25/2013 - 14:00 - 16:00

**Location:** Fine Hall -- 801

terms:

- [School of Mathematics](#)
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## [Working Group on Algebraic Number Theory](#)

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

**Date & Time:** Thu, 05/02/2013 - 14:00 - 16:00

**Location:** S-101

terms:

- [School of Mathematics](#)
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