School of Mathematics

Joint IAS-PU Symplectic Geometry Seminar

Submitted by admin on Tue, 04/02/2013 - 13:01
Construction of the Kuranishi Structure on the Moduli Space of Pseudo-Holomorphic Curves
Kenji Fukaya
Simons Center for Geometry and Physics
Date & Time: Fri, 04/12/2013 - 13:30 - 14:30
Location: S-101
Video Link:
http://video.ias.edu/jointiaspu/1213/0412-KenjiFukaya

To apply the technique of virtual fundamental cycle (chain) in the study of pseudo-holomorphic curve, we need to construct certain structure, which we call Kuranishi strucuture, on its moduli space. In this talk I want to review certain points of its construction.

terms:

- School of Mathematics

Univalent Foundations Seminar

Submitted by admin on Tue, 04/02/2013 - 12:01
Directed Type Theory
Michael Warren
Dalhousie University; Member, School of Mathematics
Date & Time: Wed, 04/10/2013 - 11:00 - 12:30
Location: S-101
Video Link:
http://video.ias.edu/univalent/1213/0410-MichaelWarren

terms:

- School of Mathematics

Working Group on Univalent Foundations

Submitted by admin on Tue, 04/02/2013 - 10:01
Date & Time: Wed, 04/10/2013 - 13:30 - 15:00
Location: Simonyi Hall Common Room

terms:

- School of Mathematics

Joint IAS/PU Number Theory Seminar

Submitted by admin on Mon, 04/01/2013 - 13:01
Symmetric Power Functoriality for GL(2)
Jack Thorne
Harvard University
Date & Time: Thu, 04/11/2013 - 16:30 - 17:30
Location: Fine Hall 214

terms:

- School of Mathematics

Members Seminar

Submitted by admin on Mon, 04/01/2013 - 11:01
Small Height and Infinite Non-Abelian Extensions
Series: Members Seminar
Philipp Habegger
University of Frankfurt; Member, School of Mathematics
Date & Time: Mon, 04/08/2013 - 14:00 - 15:00
Location: S-101
Video Link:
http://video.ias.edu/members/1213/0408-PhilippHabegger

The Weil height measures the “complexity” of an algebraic number. It vanishes precisely at 0 and at the roots of unity. Moreover, a finite field extension of the rationals contains no elements of arbitrarily small, positive heights. Amoroso, Bombieri, David, Dvornicich, Schinzel, Zannier and others exhibited many infinite field extensions of the rationals with a height gap. For example, the maximal extension of any number field with abelian Galois group has this property. I will present the history of this problem and talk about a new non-abelian example

and its application.

terms:

- School of Mathematics

Univalent Foundations Tutorial

Submitted by admin on Mon, 04/01/2013 - 11:01
Date & Time: Mon, 04/08/2013 - 16:00 - 17:30
Location: S-101

terms:

- School of Mathematics

Working Group on Univalent Foundations

Submitted by admin on Mon, 04/01/2013 - 11:01
Date & Time: Tue, 04/09/2013 - 13:30 - 15:00
Location: S-101

terms:

- 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

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terms:

- School of Mathematics

Mathematical Conversations

Submitted by admin on Wed, 03/27/2013 - 12:01
Symmetry may be pretty, but asymmetry is subtle.
Dieter Kotschick
Universitat Munchen; Member, School of Mathematics
Date & Time: Wed, 04/03/2013 - 18:00 - 19:30
Location: Dilworth Room
Rooms: Dilworth Room - Rear
Rooms: Dilworth Room

terms:

- Facilities Schedule,
- School of Mathematics

Univalent Foundations Seminar

Submitted by admin on Wed, 03/27/2013 - 12:01
HoTT is a Polyvalent Foundation of Mathemtics
Andre Joyal
University of Quebec at Montreal
Date & Time: Thu, 04/04/2013 - 11:00 - 12:30
Location: S-101
Video Link:
http://video.ias.edu/univalent/1213/0404-AndreJoyal

terms:

- School of Mathematics

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