# CUNY Mathematics Seminars Bulletin - CUNY Ph.D. Program in Mathematics ------ Spring 2018 | No. 2 | Monday, February 12<sup>th</sup> , 2018 ------

Unless otherwise noted, all seminars meet at the CUNY Graduate Center, located at 365 Fifth Ave. (at 34th St.), NYC. Seminars are listed below in chronological order, and show dates for the upcoming three weeks, as reported by the organizer. Special Events, if any, are listed at the end. A seminar's website, if available, may contain abstracts of the talks plus additional information. Note: A pdf version of this bulletin is attached in case the formatting of the text below is thrown off on your screen. Matters related to the seminars should be sent to mathseminars@gc.cuny.edu.

# MONDAY, February 12th (BLDG Closed for Holiday)

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#### TUESDAY, February 13th

#### **Student Set Theory Seminar**

Meets: 10:00AM - 12:00PM, Rm. 4214.03

Speaker: TBA Title: NA

# **Non-Linear Analysis Seminar Studys**

Website: <a href="https://sites.google.com/site/gcnonlinear/">https://sites.google.com/site/gcnonlinear/</a>

Meets: 11:45AM - 1:45PM, Rm. 6417

Speaker: Title:

No meeting today

### **BEAG Seminar (Beginners Explorations in Algebraic Geometry)**

Website: <a href="https://lagcc-cuny.digication.com/beag/Flyer/">https://lagcc-cuny.digication.com/beag/Flyer/</a>

Meets: 12:00PM - 2:00PM, Rm. 4214.03

Speaker: TBA Title: NA

## Geometry & Topology Student Seminar

Website: <a href="http://www.math.csi.cuny.edu/abhijit/studentseminar/">http://www.math.csi.cuny.edu/abhijit/studentseminar/</a>

Meets: 1:30PM - 3:00PM, Rm. 3309

Speaker: TBA Title: NA

#### Hyperbolic Geometry Seminar

Website: <a href="http://wfs.gc.cuny.edu/dwhite2/www/hypgeo/index.html">http://wfs.gc.cuny.edu/dwhite2/www/hypgeo/index.html</a>

Meets: 3:00PM - 4:00PM, Rm. 4214.03 Speaker: David Futer (Temple University)

Title: Veering triangulations: theory and experiment

## **CUNY Geometry & Topology Seminar**

Website: <a href="http://comet.lehman.cuny.edu/behrstock/seminar/">http://comet.lehman.cuny.edu/behrstock/seminar/</a>

Meets: 3:00PM - 6:15PM, Rm. 4214.03 Speaker: Alexander Zupan (Nebraska) Title: TBA

#### **CUNY Probability Seminar**

Website: <a href="https://probability.commons.gc.cuny.edu/">https://probability.commons.gc.cuny.edu/</a>

Meets: 4:15PM - 5:30PM, Rm. 3307

Speaker: Jay Rosen, CUNY (College of Staten Island)

Title: Tightness for the Cover Time of compact two dimensional manifolds

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#### WEDNESDAY, February 14th

## **Dynamics and Analysis Student Seminar**

Meets: 10:30AM - 12:00PM, Rm. 4214.03

Speaker: Title: NA

## **Almost Complex Geometry**

Website:

https://sites.google.com/site/gradcenterseminars/current-seminars/almost-complex-

geometry

Meets: 11:45AM - 1:45PM, Rm. 6417

Speaker: Title: NA

#### K-Theory Seminar

Website: <a href="https://www.zeinalian.com/seminar/">https://www.zeinalian.com/seminar/</a> Meets: 2:00PM – 3:55PM, Rm. 6417

Speaker: Martin Bendersky

Title: Lambda rings and the J-homomorphism

## Geometric group theory student seminar

Website:

Meets: 2:00PM - 4:00PM, Rm. 4214.3

Speaker: Title: NA

### **Algebraic Topology Seminar**

Website: http://math.hunter.cuny.edu/mbenders/seminar.html

Meets: 4:30PM - 5:30PM, Rm. 4214.03

Speaker: Title: NA

#### **Models of Peano Arithmetic**

Website: <a href="https://boolesrings.org/victoriagitman/cuny-logic-seminars/cuny-mopa-seminar/">https://boolesrings.org/victoriagitman/cuny-logic-seminars/cuny-mopa-seminar/</a>

Meets: 6:30-8:00pm, Room 4213.03 Speaker: Kameryn Williams, CUNY

Title: Forcing over arithmetic: a second-order approach (part 2)

## **NYC Category Theory Seminar**

Website: <a href="http://www.sci.brooklyn.cuny.edu/~noson/CTseminar.html">http://www.sci.brooklyn.cuny.edu/~noson/CTseminar.html</a>
Meets: 7:00PM - 8:30PM, Rm. 6417 1st & 3rd Wednesdays of each month

Speaker: -Title: -----

# THURSDAY, February 15th

#### Discrete Geometry and Topological Combinatorics Student Seminar

Website: https://www.gc.cuny.edu/Page-Elements/Academics-Research-Centers-

Initiatives/Doctoral-Programs/Mathematics/Seminars

Meets: 1:00PM – 2:00PM, Rm. 4214.03 Speaker: James Myer (Grad Center)

Title: The Hilbert and Ehrhart Polynomials Part 2

#### **Algebraic and Numerical Computations**

Meets: 2:00PM – 6:15PM, Rm. 3307 Speaker: Liang Zhao (Lehman College)

Title: "Randomized Algorithms for Linear Regression".

#### **Symbolic-Numeric Computing Seminar**

Website: <a href="http://qcpages.qc.cuny.edu/~aovchinnikov/seminar.html">http://qcpages.qc.cuny.edu/~aovchinnikov/seminar.html</a>

Meets: 3:00PM - 4:00PM, Rm. 9116

Speaker: Title: NA

## **CUNY Geometric Analysis Seminar**

Website: <a href="http://www.sci.ccny.cuny.edu/~bsantoro/GCSeminar.html">http://www.sci.ccny.cuny.edu/~bsantoro/GCSeminar.html</a>

Meets: 3:00PM – 4:00PM, Rm. 6496 Speaker: Mark Stern (Duke University) Title: Monotnicity and Betti Number Bonds

### **New York Number Theory Seminar**

Website:

http://www.math.rutgers.edu/~bumby/nyntsem/

Meets: 3:00PM - 4:00PM, Rm. 4419

Speaker: Mel Nathanson, Lehman College and CUNY Graduate Center

Title: Proof of Sinkhorn's theorem on alternate minimization

#### Research Training Group in Number Theory Seminar

Website: http://www.math.columbia.edu/~goldfeld/ScheduleJointNTS30.html

Meets: 4:00PM - 4:45PM, Rm. 622 (Columbia University)

Speaker: TBA

Title:

Tea: 5:00PM - 5:30PM

NOTE: The RTG talk is aimed at graduate students and post-docs.

#### New York Joint Columbia-CUNY-NYU Number Theory Seminar

Website: http://www.math.columbia.edu/~goldfeld/ScheduleJointNTS30.html

Meets: 5:30PM - 7:00PM

Speaker: TBA

Title:

Tea: 5:00PM - 5:30PM

## **Phenomenology Reading Group**

Meets: 6:30PM - 8:00PM, Math Thesis Room

Speaker: Title: NA

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## FRIDAY, February 16th

# **Number Theory Student Seminar**

Meets: 10:00AM – 11:30AM, Rm. 4419 Speaker: Kare Gjaldbak, CUNY Graduate

Title: Quadratic Cantor polynomials for rational sectors

# **Set Theory Seminar**

Website: <a href="https://boolesrings.org/victoriagitman/cuny-logic-seminars/[boolesrings.org">https://boolesrings.org/victoriagitman/cuny-logic-seminars/[boolesrings.org]</a>

Meets: 10:00AM - 11:45AM, Rm. 6417 Speaker: Joseph Van Name, CUNY

Title: TBA

#### Kolchin Seminar in Differential Algebra

Website: <a href="https://ksda.ccny.cuny.edu/gradcenter.html">https://ksda.ccny.cuny.edu/gradcenter.html</a>

Meets: 10:00AM – 12:15PM, Rm. 5382 Speaker: Michael Wibmer, University of Penn

Title: TBA

#### **Extremal Length Seminar**

Website: <a href="http://userhome.brooklyn.cuny.edu/gardiner/notes.html">http://userhome.brooklyn.cuny.edu/gardiner/notes.html</a>

Meets: 10:00AM - 11:30AM, Rm. 4214.03

Speaker: Title: NA

## New York Applied Algebra Colloquium

Website: <a href="https://sites.google.com/site/nyalg2/">https://sites.google.com/site/nyalg2/</a>

Meets: 11:00AM - 12:00PM, Rm. 5383

Speaker: Title: NA

#### **New York Combinatorics Seminar**

Website: http://userhome.brooklyn.cuny.edu/skingan/CombinatoricsSeminar/index.html

Meets: 11:45AM - 12:45PM, Rm. 4419

Speaker: Adam Sheffer, Baruch College, CUNY

Title: Counting Plane Graphs: Perfect Matchings, Spanning Cycles and Kasteleyn's

Technique.

#### Student Seminar of Algebraic and Numerical Algorithms

Meets: 11:45AM - 1:45PM, Rm. 3308

Speaker: TBA

Title:

## **Study Group in Number Theory**

Meets: 11:45AM - 1:45PM, Rm. 3307

Speaker:

Title: NA

**Data Science and Applied Topology** 

Website: http://cunygc.appliedtopology.nyc/

Meets: 11:45AM - 12:45PM, Rm. 3209

Speaker: Title: NA

**Model Theory Seminar** 

Website: https://boolesrings.org/victoriagitman/cuny-model-theory-seminar/

Meets: 12:30PM - 1:45PM, Rm. 6417

Speaker: Title: NA

**Study Group on Spherical Varieties** 

Website: <a href="http://bvans.net/ws">http://bvans.net/ws</a>

Meets: 1:30PM - 3:30PM, Rm. 4124.03

Speaker: WonGeun Kim (CUNY Graduate Center)

Title: Highest weight theory for GL(n,C)

Study Group on Hodge Theory and Complex Algebraic Geometry

Website: https://sites.google.com/site/fyemath/home/complex-working-seminars-on-

<u>algebraic-geometry-and-hodge-theory</u> Meets: 1:30PM – 3:30PM, Rm. 4124.03

Speaker: Title:

No meeting today

**Automorphic Forms Student Seminar** 

Website: <a href="https://sites.google.com/site/gradcenterseminars/current-seminars/automorphic-">https://sites.google.com/site/gradcenterseminars/current-seminars/automorphic-</a>

forms<u>-and-I-functions</u>-student<u>-</u>seminar Meets: 2:00PM - 3:00PM, RM 4422

Speaker: Title:

No meeting today

**Complex Analysis and Dynamics Seminar** 

Website: <a href="http://gcpages.gc.cuny.edu/~zakeri/seminar.html">http://gcpages.gc.cuny.edu/~zakeri/seminar.html</a>

Meets: 2:00PM - 3:30PM, Rm. 5417

Speaker: Joseph Maher (College of Staten Island, CUNY) Title: Random Mapping Classes Have Generic Foliations

**CUNY Logic Workshop** 

Website: https://boolesrings.org/victoriagitman/cuny-logic-workshop/

Meets: 2:00PM - 3:30PM, Rm. 6417

Speaker: Andrei Morozov, Sobolev Institute of Mathematics

Title: Infinite time Blum-Shub-Smale machines: A computability for analysis

**Dynamical System Ideas and Applications** 

Meets: 2:00PM - 4:00PM, Rm. 4422

Speaker: TBA

Title:

**CUNY Representation Theory Seminar** 

Website: <a href="https://sites.google.com/site/cunyrt/">https://sites.google.com/site/cunyrt/</a>

Meets: 2:00 PM - 3:30PM, Rm. 3209

Speaker: Title: NA

**Mathematical Physics and Fourier Analysis Seminar** 

Website: <a href="https://sites.google.com/site/mathphysseminar/">https://sites.google.com/site/mathphysseminar/</a>

Meets: 2:00PM - 4:00 PM, Rm. 3309

Speaker: Title:

No meeting today

Kolchin Seminar in Differential Algebra

Website: <a href="https://ksda.ccny.cuny.edu/gradcenter.html">https://ksda.ccny.cuny.edu/gradcenter.html</a>

Meets: 2:00PM - 4:00PM, Rm. 5382

Speaker: Title: NA

Algebra and Cryptography Seminar

Website: http://www.sci.ccny.cuny.edu/~shpil/algcryp.html

Meets: 2:30PM - 3:30PM, Rm. 3307

Speaker: Tuval Foguel (Adelphi University)

Title: On Bruck's Prolongation and Contraction Maps

**Applied Mathematics Seminar** 

Meets: 4:00PM - 5:00PM, Rm. 6421

Speaker: Title: NA

NY Group Theory Seminar

Website: https://sites.google.com/site/nygrouptheory/fall2017

Meets: 4:00PM - 5:30PM, Rm. 5417

Speaker: Title: NA

Commutative Algebra & Algebraic Geometry Seminar

Webpage: <a href="http://websupport1.citytech.cuny.edu/Faculty/hschoutens/CAAG.html">http://websupport1.citytech.cuny.edu/Faculty/hschoutens/CAAG.html</a>

Meets: 4:15PM - 5:15PM, Rm. 6417 Speaker: Andrew Stout, BMCC

Title: An Introduction to Algebraic Spaces

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# TUESDAY, February 20th (Classes follow Monday schedule)

## The Adams Spectral Sequence Seminar

Meets: 2:30PM - 4:00PM, Rm. 4214.03

Speaker: Title:

No meeting today

#### **Graduate Student Colloquium**

Website:

https://sites.google.com/site/gradcenterseminars/current-seminars/graduate-student-

<u>colloquium</u>

Meets: 4:15PM - 6:15PM, Rm. 5417

Speaker: Title:

No meeting today

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#### WEDNESDAY, February 21st

# **Dynamics and Analysis Student Seminar**

Meets: 10:30AM - 12:00PM, Rm. 4214.03

Speaker: Title: NA

# **Almost Complex Geometry**

Website:

https://sites.google.com/site/gradcenterseminars/current-seminars/almost-complex-

geometry

Meets: 11:45AM - 1:45PM, Rm. 6417

Speaker: Luis Fernandez

Title: Harmonic maps from two-sphere to six-sphere

#### K-Theory Seminar

Website: https://www.zeinalian.com/seminar/[zeinalian.com]

Meets: 2:00PM - 3:55PM, Rm. 6417

Speaker: Rob Thompson

Title: TBA

## **Algebraic Topology Seminar**

Website: <a href="http://math.hunter.cuny.edu/mbenders/seminar.html">http://math.hunter.cuny.edu/mbenders/seminar.html</a>

Meets: 4:30PM - 5:30PM, Rm. 4214.03

Speaker: Title: NA

#### **Models of Peano Arithmetic**

Website: <a href="https://boolesrings.org/victoriagitman/cuny-logic-seminars/cuny-mopa-seminar/">https://boolesrings.org/victoriagitman/cuny-logic-seminars/cuny-mopa-seminar/</a>

Meets: 5:15PM - 6:15PM, Rm. 4213.3

## **NYC Category Theory Seminar**

Website: <a href="http://www.sci.brooklyn.cuny.edu/~noson/CTseminar.html">http://www.sci.brooklyn.cuny.edu/~noson/CTseminar.html</a>
Meets: 7:00PM - 8:30PM, Rm. 6417 1st & 3rd Wednesdays of each month

Speaker: Title:

No meeting today

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### THURSDAY, February 22<sup>nd</sup>

# Discrete Geometry and Topological Combinatorics Student Seminar

Meets: 12:45PM – 1:45PM, Rm. TBA Speaker: Adam Sheffer (Baruch College)

Title: Polynomial Partitioning and Geometric Incidences (Part 1)

## **Algebraic and Numerical Computations**

Meets: 2:00PM - 6:15PM, Rm. 3307

Speaker: Title: NA

#### Symbolic-Numeric Computing Seminar

Website: <a href="http://qcpages.qc.cuny.edu/~aovchinnikov/seminar.html">http://qcpages.qc.cuny.edu/~aovchinnikov/seminar.html</a>

Meets: 3:00PM - 4:00PM, Rm. 9204/9205

Speaker: Title:

No Meeting Today

#### **CUNY Geometric Analysis Seminar**

Website: http://www.sci.ccny.cuny.edu/~bsantoro/GCSeminar.html

Meets: 3:00PM - 4:00PM, Rm. 6496

Speaker: Baris Coskunuzer, Boston College Title: Asymptotic H-Plateau Problem in H^3

#### **New York Number Theory Seminar**

Website:

http://www.math.rutgers.edu/~bumby/nyntsem/

Meets: 3:00PM - 4:00PM, Rm. 4419

Speaker: Title:

No meeting today

### **Research Training Group in Number Theory Seminar**

Website: <a href="http://www.math.columbia.edu/~goldfeld/ScheduleJointNTS30.html">http://www.math.columbia.edu/~goldfeld/ScheduleJointNTS30.html</a>

Meets: 4:00PM - 4:45PM, Room, 4102

Speaker: Dino Lorenzini

Title: REGULAR MODELS OF CURVES AND WILD QUOTIENT SINGULARITIES

Tea: 5:00PM - 5:30PM

NOTE: The RTG talk is aimed at graduate students and post-docs.

# New York Joint Columbia-CUNY-NYU Number Theory Seminar

Website: http://www.math.columbia.edu/~goldfeld/ScheduleJointNTS30.html

Meets: 5:30PM - 7:00PM, Rm. 4102

Speaker: Title:

Tea: 5:00PM - 5:30PM in Rm. 4102

### **Phenomenology Reading Group**

Meets: 6:30PM - 8:00PM, Math Thesis Room

Speaker: Title: NA

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# FRIDAY, February 23rd

## **Number Theory Student Seminar**

Meets: 10:00AM - 11:30M, Rm. 4419

Speaker: Title: NA

## **Set Theory Seminar**

Website: <a href="https://boolesrings.org/victoriagitman/cuny-set-theory-seminar/">https://boolesrings.org/victoriagitman/cuny-set-theory-seminar/</a>

Meets: 10:00AM - 12:00PM, Rm. 6417

Speaker: Title:

No meeting today

#### **Extremal Length Seminar**

Website: <a href="http://userhome.brooklyn.cuny.edu/gardiner/notes.html">http://userhome.brooklyn.cuny.edu/gardiner/notes.html</a>

Meets: 10:00AM - 12:00PM, Rm. 4214.03

Speaker: Title: NA

#### New York Applied Algebra Colloquium

Website: <a href="https://sites.google.com/site/nyalg2/">https://sites.google.com/site/nyalg2/</a>

Meets: 11:00AM - 12:00PM, Rm. 5383

Speaker: Title: NA

#### **New York Combinatorics Seminar**

Website: <a href="http://userhome.brooklyn.cuny.edu/skingan/CombinatoricsSeminar/index.html">http://userhome.brooklyn.cuny.edu/skingan/CombinatoricsSeminar/index.html</a>

Meets: 11:45AM - 12:45PM, Rm. 4419

Speaker: Title: NA

### Student Seminar of Algebraic and Numerical Algorithms

Meets: 11:45AM - 1:45PM, Rm. 3308

Speaker: Title: NA

#### **Study Group in Number Theory**

Meets: 11:45AM - 1:45PM, Rm. 3307

Speaker: Title: NA

## **Data Science and Applied Topology**

Website: <a href="http://cunygc.appliedtopology.nyc/">http://cunygc.appliedtopology.nyc/</a>

Meets: 11:45AM - 12:45PM, Rm. 3209

Speaker: Title: NA

## **Model Theory Seminar**

Website: https://boolesrings.org/victoriagitman/cuny-model-theory-seminar/

Meets: 12:30PM - 1:45PM, Rm. 6417

Speaker: Title: NA

## **Study Group on Spherical Varieties**

Website: <a href="http://bvans.net/ws">http://bvans.net/ws</a>

Meets: 1:30PM - 3:30PM, Rm. 4124.03

Speaker: Title: NA

## Study Group on Hodge Theory and Complex Algebraic Geometry

Website: <a href="https://sites.google.com/site/fyemath/home/complex-working-seminars-on-">https://sites.google.com/site/fyemath/home/complex-working-seminars-on-</a>

<u>algebraic-geometry-and-hodge-theory</u> Meets: 1:30PM – 3:30PM, Rm. 4124.03

Speaker: Title:

No Meeting Today

## **Complex Analysis and Dynamics Seminar**

Website: http://gcpages.gc.cuny.edu/~zakeri/seminar.html

Meets: 2:00PM - 3:30PM, Rm. 5417

Speaker: David Aulicino , Brooklyn College of CUNY

Title: TBA

#### **CUNY Logic Workshop**

Website: <a href="https://boolesrings.org/victoriagitman/cuny-logic-workshop/">https://boolesrings.org/victoriagitman/cuny-logic-workshop/</a>

Meets: 2:00PM - 3:45PM, Rm. 6417

Speaker: Dimitris Tsementzis, Rutgers University Title: Univalent Foundations and Set Theory

## **Dynamical System Ideas and Applications**

Meets: 2:00PM - 4:00PM, Rm. 4422

Speaker: TBA

Title:

### **CUNY Representation Theory Seminar**

Website: https://sites.google.com/site/cunyrt/

Meets: 2:00PM - 3:30PM, Rm. 3209

Speaker: Title: NA

## Mathematical Physics and Fourier Analysis Seminar

Website: <a href="https://sites.google.com/site/mathphysseminar/">https://sites.google.com/site/mathphysseminar/</a>

Meets: 2:00PM - 4:00 PM, Rm. 3309

## Kolchin Seminar in Differential Algebra

Website: <a href="https://ksda.ccny.cuny.edu/gradcenter.html">https://ksda.ccny.cuny.edu/gradcenter.html</a>

Meets: 2:30PM - 3:30PM, Rm. 5382

Speaker: Peter Olver, Univeristy of Minnesota

Title: Algebras of Differential Invariants

## Algebra and Cryptography Seminar

Website: http://www.sci.ccny.cuny.edu/~shpil/algcryp.html

Meets: 2:30PM - 3:30PM, Rm. 3307

Speaker: Title: NA

## **Applied Mathematics Seminar**

Meets: 4:00PM - 5:00PM, Rm. 6421

Speaker: Title: NA

## **NY Group Theory Seminar**

Website: <a href="https://sites.google.com/site/nygrouptheory/fall2017">https://sites.google.com/site/nygrouptheory/fall2017</a>

Meets: 4:00PM - 5:30PM, Rm. 5417

Speaker: Title: NA

#### Commutative Algebra & Algebraic Geometry Seminar

Webpage: <a href="https://sites.google.com/site/nygrouptheory/fall2017">https://sites.google.com/site/nygrouptheory/fall2017</a>

Meets: 4:15PM - 5:15PM, Rm. 6417

Speaker: Title:

No meeting today

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### MONDAY, February 26th

#### The Adams Spectral Sequence Seminar

Meets: 2:30PM - 4:00PM, Rm. 4214.03

Speaker: Rob Thompson

Title: An Introduction to the Novikov Spectral Sequence

## **Graduate Student Colloquium**

Website:

https://sites.google.com/site/gradcenterseminars/current-seminars/graduate-student-

colloquium

Meets: 4:15PM - 6:15PM, Rm. 5417

Speaker: Melvyn Nathanson

Title: TBA

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# TUESDAY, February 27th

**Student Set Theory Seminar** 

Meets: 10:00AM - 12:00PM, Rm. 4214.03

Speaker: Title: NA

Non-Linear Analysis Seminar

Website: <a href="https://sites.google.com/site/gcnonlinear/">https://sites.google.com/site/gcnonlinear/</a>

Meets: 11:45AM - 1:45PM, Rm. 6417

Speaker: Title: NA

**BEAG Seminar (Beginners Explorations in Algebraic Geometry)** 

Website: <a href="https://lagcc-cuny.digication.com/beag/Flyer/">https://lagcc-cuny.digication.com/beag/Flyer/</a>

Meets: 1:45PM - 2:45PM, Rm. 4214.03

Speaker: Title: NA

No meeting until March 8th

**Geometry & Topology Student Seminar** 

Website: <a href="http://www.math.csi.cuny.edu/abhijit/studentseminar/">http://www.math.csi.cuny.edu/abhijit/studentseminar/</a>

Meets: 1:30PM - 3:00PM, Rm. 3309

Speaker: Title: NA

**Hyperbolic Geometry Seminar** 

Website: http://wfs.gc.cuny.edu/dwhite2/www/hypgeo/index.html

Meets: 3:00PM - 4:00PM, Rm. 4214.03

Speaker: Title:

No meeting today

**CUNY Geometry & Topology Seminar** 

Website: <a href="http://comet.lehman.cuny.edu/behrstock/seminar/">http://comet.lehman.cuny.edu/behrstock/seminar/</a>

Meets: 4:15PM - 6:15PM, Rm. 3212

Speaker: Roman Sauer, Karlsruhe Institute of Technology

Title: Lattice envelopes

**CUNY Probability Seminar** 

Website: https://probability.commons.gc.cuny.edu/

Meets: 4:15PM - 5:30PM, Rm. 3307

Speaker: Title: NA

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#### WEDNESDAY, February 28th

## **Dynamics and Analysis Student Seminar**

Meets: 10:30AM - 12:00PM, Rm. 4214.03

Speaker: Title: NA

#### **Almost Complex Geometry**

Website:

https://sites.google.com/site/gradcenterseminars/current-seminars/almost-complex-

geometry

Meets: 11:45AM - 1:45PM, Rm. 6417

Speaker: TBA

Title:

## K-Theory Seminar

Website: <a href="https://www.zeinalian.com/seminar/[zeinalian.com">https://www.zeinalian.com/seminar/[zeinalian.com/seminar/]]</arr

Meets: 2:00PM - 3:45PM, Rm. 6417

Speaker: Corbett Redden

Title: Obstructions from degree 4 characteristic classes

## **Algebraic Topology Seminar**

Website: <a href="http://math.hunter.cuny.edu/mbenders/seminar.html">http://math.hunter.cuny.edu/mbenders/seminar.html</a>

Meets: 4:30PM - 5:30PM, Rm. 4214.03 Speaker: Robert Short, Lehigh University

Title: Relative Topological Complexity for Pairs of Right-Angled Artin Groups

#### **Models of Peano Arithmetic**

Website: <a href="https://boolesrings.org/victoriagitman/cuny-logic-seminars/cuny-mopa-seminar/">https://boolesrings.org/victoriagitman/cuny-logic-seminars/cuny-mopa-seminar/</a>

Meets: 6:30 - 8:00PM, Rm. 4214.03

Speaker: Title: NA

### **NYC Category Theory Seminar**

Website: <a href="http://www.sci.brooklyn.cuny.edu/~noson/CTseminar.html">http://www.sci.brooklyn.cuny.edu/~noson/CTseminar.html</a>
Meets: 7:00PM - 8:30PM, Rm. 6417 1st & 3rd Wednesdays of each month

Speaker: Title:

No meeting today

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### THURSDAY, March 1st

## Discrete Geometry and Topological Combinatorics Student Seminar

Website: https://www.gc.cuny.edu/Page-Elements/Academics-Research-Centers-

Initiatives/Doctoral-Programs/Mathematics/Seminars

Meets: 12:45PM - 1:45PM, Rm. 4214.03

Speaker: Title: NA

#### **Algebraic and Numerical Computations**

Meets: 2:00PM - 6:15PM, Rm. 3307

## **Symbolic-Numeric Computing Seminar**

Website: <a href="http://gcpages.gc.cuny.edu/~aovchinnikov/seminar.html">http://gcpages.gc.cuny.edu/~aovchinnikov/seminar.html</a>

Meets: 3:00PM - 4:00PM, Rm. 9116

Speaker: Title: NA

## **CUNY Geometric Analysis Seminar**

Website: <a href="http://www.sci.ccny.cuny.edu/~bsantoro/GCSeminar.html">http://www.sci.ccny.cuny.edu/~bsantoro/GCSeminar.html</a>

Meets: 3:00PM – 4:00PM, Rm. 6496 Speaker: Antoine Song, Princeton University

Title: Local min-max surfaces and existence of minimal Heegaard splittings

## **New York Number Theory Seminar**

Website:

http://www.math.rutgers.edu/~bumby/nyntsem/

Meets: 3:00PM - 4:00PM, Rm. 4419

Speaker: Title: NA

## **Research Training Group in Number Theory Seminar**

Website: <a href="http://www.math.columbia.edu/~goldfeld/ScheduleJointNTS30.html">http://www.math.columbia.edu/~goldfeld/ScheduleJointNTS30.html</a>

Meets: 4:00PM - 4:45PM, Rm. 805 (NYU, COURANT INSTITUTE)

Speaker: Dhruv Ranganathan, MIT

Title: NA

Tea: 5:00PM - 5:30PM in Rm. 805

NOTE: The RTG talk is aimed at graduate students and post-docs.

### New York Joint Columbia-CUNY-NYU Number Theory Seminar

Website: http://www.math.columbia.edu/~goldfeld/ScheduleJointNTS30.html

Meets: 5:30PM - 7:00PM, Rm. 805 (NYU, COURANT INSTITUTE)

Speaker: Dhruv Ranganathan, MIT

Title: NA

Tea: 5:00PM - 5:30PM

### **Phenomenology Reading Group**

Meets: 6:30PM - 8:00PM, Math Thesis Room

Speaker: TBA

Title:

## FRIDAY, March 2<sup>nd</sup>

# **Number Theory Student Seminar**

Meets: 10:00AM - 11:30M, Rm. 4419

Speaker: Title: NA

#### **Set Theory Seminar**

Website: https://boolesrings.org/victoriagitman/cuny-set-theory-seminar/

Meets: 10:00AM - 12:00PM, Rm. 6417

## **Extremal Length Seminar**

Website: <a href="http://userhome.brooklyn.cuny.edu/gardiner/notes.html">http://userhome.brooklyn.cuny.edu/gardiner/notes.html</a>

Meets: 10:00AM - 12:00PM, Rm. 4214.03

Speaker: Title: NA

#### New York Applied Algebra Colloquium

Website: <a href="http://userhome.brooklyn.cuny.edu/gardiner/notes.html">http://userhome.brooklyn.cuny.edu/gardiner/notes.html</a>

Meets: 11:00AM - 12:00PM, Rm. 5383

Speaker: Title: NA

#### **New York Combinatorics Seminar**

Website: http://userhome.brooklyn.cuny.edu/skingan/CombinatoricsSeminar/index.html

Meets: 11:45AM - 12:45PM, Rm. 4419

Speaker: Title: NA

## Student Seminar of Algebraic and Numerical Algorithms

Meets: 11:45AM - 1:45PM, Rm. 3308

Speaker: Title: NA

# **Study Group in Number Theory**

Meets: 11:45AM - 1:45PM, Rm. 3307

Speaker: Title: NA

# **Data Science and Applied Topology**

Website: <a href="http://cunygc.appliedtopology.nyc/">http://cunygc.appliedtopology.nyc/</a>

Meets: 11:45AM - 12:45PM, Rm. 3209

Speaker: Title: NA

#### **Model Theory Seminar**

Website: https://boolesrings.org/victoriagitman/cuny-model-theory-seminar/

Meets: 12:30PM - 1:45PM, Rm. 6417

Speaker: Title: NA

# **Study Group on Spherical Varieties**

Website: <a href="http://bvans.net/ws">http://bvans.net/ws</a>

Meets: 1:30PM - 3:30PM, Rm. 4124.03

Speaker: Title: NA

## Study Group on Hodge Theory and Complex Algebraic Geometry

Website: <a href="https://sites.google.com/site/fyemath/home/complex-working-seminars-on-">https://sites.google.com/site/fyemath/home/complex-working-seminars-on-</a>

<u>algebraic-geometry-and-hodge-theory</u> Meets: 1:30PM – 3:30PM, Rm. 4124.03

## No meeting today

**Complex Analysis and Dynamics Seminar** 

Website: <a href="http://qcpages.qc.cuny.edu/~zakeri/seminar.html">http://qcpages.qc.cuny.edu/~zakeri/seminar.html</a>

Meets: 2:00PM - 3:30PM, Rm. 5417

Speaker: Tao Chen, Laguardia Community College of CUNY Title: Shell Components of Extended Family of the Target Map

**CUNY Logic Workshop** 

Website: <a href="https://boolesrings.org/victoriagitman/cuny-logic-workshop/">https://boolesrings.org/victoriagitman/cuny-logic-workshop/</a>

Meets: 2:00PM - 3:45PM, Rm. 6417

Speaker: Title: NA

**Dynamical System Ideas and Applications** 

Meets: 2:00PM - 4:00PM, Rm. 4422

Speaker: Title: NA

**CUNY Representation Theory Seminar** 

Website: <a href="https://sites.google.com/site/cunyrt/">https://sites.google.com/site/cunyrt/</a>

Meets: 2:15 PM - 3:15PM, Rm. 3209

Speaker: Title: NA

**Mathematical Physics and Fourier Analysis Seminar** 

Website: https://sites.google.com/site/mathphysseminar/

Meets: 2:00PM – 3:00 PM, Rm. 3309 Speaker: Xiang Ni, CUNY Graduate Center

Title: Dissipationless Topological Edge States in PT Symmetric Interface

**Automorphic Forms Student Seminar** 

Website: https://sites.google.com/site/gradcenterseminars/current-seminars/automorphic-

forms<u>-and-l-functions</u>-student<u>-</u>seminar Meets: 2:00PM - 3:00PM, RM 4422

Speaker: Lawrence Vu , CUNY Graduate Center Title: Automorphic Forms and Representations

Algebra and Cryptography Seminar

Website: http://www.sci.ccny.cuny.edu/~shpil/algcryp.html

Meets: 2:30PM - 3:30PM, Rm. 3307

Speaker: Title: NA

Kolchin Seminar in Differential Algebra

Website: <a href="https://ksda.ccny.cuny.edu/gradcenter.html">https://ksda.ccny.cuny.edu/gradcenter.html</a>

Meets: 2:15 - 3:30pm , Rm. 5382

Speaker: Anne Shiu, Texas A&M University

Title: Identifiability of Linear Compartment Models: The Singular Locus

**Applied Mathematics Seminar** 

Meets: 4:00PM - 5:00PM, Rm. 6421

Speaker: Title: NA

## **NY Group Theory Seminar**

Website: <a href="https://sites.google.com/site/nygrouptheory/fall2017">https://sites.google.com/site/nygrouptheory/fall2017</a>

Meets: 4:00PM - 5:30PM, Rm. 5417

Speaker: Title: NA

# **Commutative Algebra & Algebraic Geometry Seminar**

Webpage: <a href="http://websupport1.citytech.cuny.edu/Faculty/hschoutens/CAAG.html">http://websupport1.citytech.cuny.edu/Faculty/hschoutens/CAAG.html</a> Meets: 4:15PM – 5:15PM, Rm. 6417

Speaker: TBA

. Title: