

This is the final seminar bulletin for the Spring 2018 semester. Seminars that take place during the summer will be announced occasionally. We will resume our regular seminar bulletin in Fall 2018 .
Have a great summer.

CUNY Mathematics Seminars Bulletin - CUNY Ph.D. Program in Mathematics
----- **Spring 2018 | No. 14 | Monday, May 14, 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, May 14th

Einstein Chair Seminar in Topology Quantum Object

Meets: 2:00PM- 6:15PM , Rm. 6417

Speaker:

Title: NA

The Adams Spectral Sequence Seminar

Meets: 2:30PM – 4:00PM, Rm. 4214.03

Speaker:

Title: NA

Graduate Student Colloquium

Website:

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

Meets: 4:15PM – 6:15PM, Rm. 5417

Speaker:

Title: NA

TUESDAY, May 15th

Set Theory Seminar

Meets: 10:00AM – 12:00PM, Rm. 4214.03

Speaker:

Title: NA

Non-Linear Analysis Seminar

Website: <https://sites.google.com/site/gcnonlinear/>

Meets: 12:45-1:45 PM, Rm. 5417

Speaker:

Title: NA

Geometry & Topology Student Seminar

Website: <http://www.math.csi.cuny.edu/abhijit/studentseminar/>

Meets: 1:30PM – 3:00PM, Rm. 3309

Speaker:

Title: NA

Computational Logic Seminar

Meets: 2:00PM – 4:00PM, Rm. 4422

Speaker: Sergei Artemov, Graduate Center CUNY

Title: How the Logic of Proofs fixes a loophole in the original BHK semantics.

Hyperbolic Geometry Seminar

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

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

Speaker: Ara Basmajian, CUNY Graduate Center and Hunter College

Title: Computing extremal lengths for pairs of pants

CUNY Geometry & Topology Seminar

Website: <http://comet.lehman.cuny.edu/behstock/seminar/>

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

Speaker:

Title: NA

CUNY Probability Seminar

Website: <https://probability.common.gc.cuny.edu/>

Meets: 4:15PM – 5:30PM, Rm. 3307

Speaker: Sixian Jin, Fordham University

Title: Series representations of martingales using Malliavin calculus and their applications.

WEDNESDAY, May 16th**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: S^{4k} do not admit almost complex structures

Geometric Group Theory Seminar

Meets: 12:00PM- 2:00PM , Rm. 4213.03

Speaker:

Title: NA

K-Theory Seminar

Website: [https://www.zeinalian.com/seminar/\[zeinalian.com\]](https://www.zeinalian.com/seminar/[zeinalian.com])

Meets: 2:00PM – 3:45PM, Rm. 6417

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: <https://boolesrings.org/victoriagitman/cuny-logic-seminars/cuny-mopa-seminar/>

Meets: 6:30 – 8:00PM, Rm. 4214.03

Speaker:

Title: NA

NYC Category Theory Seminar

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

THURSDAY, May 17th**BEAG Seminar (Beginners Explorations in Algebraic Geometry)**

Website: https://lagcc-cuny.digication.com/beag/Spring_2018/
Meets: 1:45PM – 2:45PM, Rm. 4214.03
Speaker:
Title: NA
Seminar will resume during Summer 2018 please check the website for dates.

Discrete Geometry and Topological Combinatorics Student Seminar

Meets: 1:00PM – 2:00PM, Rm. 4214.03
Speaker:
Title: NA

Algebraic and Numerical Computations

Meets: 2:00PM – 6:15PM, Rm. 3307
Speaker:
Title: NA

Symbolic-Numeric Computing Seminar

Website: <http://qcpages.qc.cuny.edu/~aovchinnikov/seminar.html>
Meets: 3:00PM – 4:00PM, Rm. 9116
Speaker:
Title: NA

CUNY Geometric Analysis Seminar

Website: <http://www.sci.ccny.cuny.edu/~bsantoro/GCSeminar.html>
Meets: 3:00PM – 4:00PM, Rm. 6496
Speaker:
Title: NA

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: <http://www.math.columbia.edu/~goldfeld/ScheduleJointNTS30.html>
Meets: 4:00PM – 4:45PM, Room
Speaker:
Title: NA
Tea: 5:00 - 5:30 served in
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:
Title: NA
Tea: 5:00 - 5:30 served in

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

Phenomenology Reading Group

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

Speaker:

Title: NA

FRIDAY, May 18th

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 - 11:45AM, Rm. 6417

Speaker: Miha Habič, Charles University

Title: Tukey classes of complete ultrafilters

Kolchin Seminar in Differential Algebra

Website: <https://ksda.ccny.cuny.edu/gradcenter.html>

Meets: 10:15AM – 11:30AM, Rm. 5382

Speaker:

Title: NA

Extremal Length Seminar

Website: <http://userhome.brooklyn.cuny.edu/gardiner/notes.html>

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

Speaker:

Title: NA

New York Applied Algebra Colloquium

Website: <https://sites.google.com/site/nyalg2/>

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: <http://cunygc.appliedtopology.nyc/>

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

Speaker: Bob Short, Lehigh University

Title: The relative topological complexity of a pair

Model Theory Seminar

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

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

Speaker:

Title: NA

CUNY Logic Workshop

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

Meets: 2:00PM – 3:30 PM, Rm. 6417

Speaker:

Title: NA

Study Group on Toric and Spherical Varieties

Website: <http://bvans.net/ws>

Meets: 1:30PM – 3:30PM, Rm. 4124.03

Speaker: Bart Van Steirteghem (MEC & GC)

Title: Momentum polytopes of projective spherical varieties

Study Group on Hodge Theory and Complex Algebraic Geometry

Website: <https://sites.google.com/site/fyemath/home/complex-working-seminars-on-algebraic-geometry-and-hodge-theory>

Meets: 1:30PM – 3:30PM, Rm. 4124.03

Speaker:

Title: NA

Automorphic Forms Student Seminar

Website: <https://sites.google.com/site/gradcenterseminars/current-seminars/automorphic-forms-and-l-functions-student-seminar>

Meets: 2:00PM - 3:00PM, RM 4422

Speaker:

Title: NA

Complex Analysis and Dynamics Seminar

Website: <http://qcpages.qc.cuny.edu/~zakeri/seminar.html>

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

Speaker:

Title: NA

Dynamical System Ideas and Applications

Meets: 2:00PM – 4:00PM, Rm. 4422

Speaker:

Title: NA

CUNY Representation Theory Seminar

Website: <https://sites.google.com/site/cunyrtr/>

Meets: 2:00 PM – 3:30PM, Rm. 3209

Speaker:

Title: NA

Mathematical Physics and Fourier Analysis Seminar

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

Meets: 2:00PM – 4:00 PM, Rm. 3309

Speaker:

Title: NA

Kolchin Seminar in Differential Algebra

Website: <https://ksda.ccny.cuny.edu/gradcenter.html>

Meets: 2:00PM – 3:00PM, Rm. 5382

Speaker:

Title: NA

Algebra and Cryptography Seminar

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

Meets: 2:00PM – 3:00PM, Rm. 3307

Speaker:

Title: NA

Applied Mathematics Seminar

Meets: 4:00PM – 5:00PM, Rm. 6421

Speaker:

Title: NA

NY Group Theory Seminar

Website: <https://sites.google.com/site/nygrouptheory/spring2018>

Meets: 4:00PM – 5:30PM, Rm. 5417

Speaker:

Title: NA

Commutative Algebra & Algebraic Geometry Seminar

Webpage: <http://websupport1.citytech.cuny.edu/Faculty/hschoutens/CAAG.html>

Meets: 4:00PM – 5:00PM, Rm. 6417

Speaker:

Title: NA

Special Event

May 22nd –May 25th

Conference on Combinatorial and Additive Number Theory (CANT)

Website: <http://www.theoryofnumbers.com/>

Meets: 9:00AM -5:00 PM, Rm. 4102

Speaker: Various (see website)

Title: NA