

CUNY Mathematics Seminars Bulletin - CUNY Ph.D. Program in Mathematics
----- Fall 2017 | No. 16 | Monday, December 4th, 2017 -----

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, December 4th

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: 4:00PM – 4:45PM, Rm. 6495

No meeting today.

TUESDAY, December 5th

Non-Linear Analysis Seminar Studys

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

Meets: 11:45AM – 1:45PM, Rm. 5417

Speaker:

Title: NA

BEAG Seminar (Beginners Explorations in Algebraic Geometry)

Website: <https://lagcc-cuny.digication.com/beag/Flyer/>

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

Speaker:

Title: Summary of the semester, plans for spring

Geometry & Topology Student Seminar

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

Meets: 1:30PM – 3:00PM, Rm. 3309

Speaker: Yu Hai

Title: "Mostow Rigidity"

Hyperbolic Geometry Seminar

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

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

Speaker: Francesco Preta (New York University)

Title: "On Bers' Embedding of Deformation Spaces (continued)"

CUNY Geometry & Topology Seminar

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

Meets: 4:15PM - 6:15PM, Rm. 3308

Speaker: Wenyu Pan (Yale)

Title: "Local Mixing and Abelian Covers of Finite Volume Hyperbolic Manifolds"

CUNY Probability Seminar

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

Meets: 4:15PM – 5:30PM, Rm. 5417

Speaker: Dan Pirjol (JPM)

Title: "Large Deviations for Time-Averaged Diffusions and Asian Options"

WEDNESDAY, December 6th

Almost Complex Geometry

Website:

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

Meets: 11:45AM – 1:45PM, Rm. 6417

Speaker: Mahmoud Zeinalian

Title: TBA

Dynamics and Complex Analysis Research Seminar

Website:

<https://docs.google.com/viewer?a=v&pid=sites&srcid=ZGVmYXVsdGRvbWFpbnxzZW1tZXJ5dW55YW5nfGd4OjM2Y2RkN2JmNGUwY2M4OWE>

Meets: 2:15PM – 3:45PM, Rm. 4214.03

Speaker: Pablo Roldan Gonzalez (Yeshiva University)

Title: "3:1 resonance in the Sun-Jupiter-Asteroid system"

K-Theory Seminar

Website: <https://www.zeinalian.com/seminar/>

Meets: 2:00PM – 4:00PM, Rm. 5417

Speaker: Micah Miller

Title: "The Atiyah Class for Coherent Sheave"

Algebraic Topology Seminar

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

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

Speaker: Joel Zablow

Title: "Braid Relations and Deep Braiding"

Models of Peano Arithmetic

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

Meets: 5:15PM - 6:15PM, Rm. 6495

Speaker:

Title: NA

NYC Category Theory Seminar

Website: <http://www.sci.brooklyn.cuny.edu/~noson/CTseminar.html>

Meets: 7:00PM - 8:30PM, Rm. 6417
Speaker:
Title: NA

THURSDAY, December 7th

Automorphic Forms Student Seminar

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

Meets: 11:45AM – 1:45PM, Rm. 3212

Speaker:

Title: NA

Student Set Theory Seminar

Website:

Meets: 12:00PM – 1:45PM, Rm. 4214.03

Speaker:

Title: NA

Discrete Geometry and Topological Combinatorics Student Seminar

Meets: 12:45PM – 1:45PM, Rm. 4422

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: 2:00PM – 4:00PM, Rm. 9116

Speaker:

Title: NA

CUNY Geometric Analysis Seminar

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

Meets: 3:00PM – 5:00PM, Rm. 6496

Speaker: Nan Li (New York City Tech)

Title: "Quantitative Estimates on the Singular Sets of Alexandrov Spaces"

Speaker: Luca Di Cerbo (Stony Brook University)

Title: TBA

New York Number Theory Seminar

Website:

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

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

Speaker:

Title: NA

Dynamics and Analysis Student Seminar

Meets: 4:15PM – 6:15PM, Rm. 4214.03
Speaker:
Title: NA

Research Training Group in Number Theory Seminar

Website: <http://www.math.columbia.edu/~goldfeld/ScheduleJointNTS29.html>
Meets: 4:00PM – 4:45PM, Rm. 4102
Speaker: Akshay Venkatesh (Stanford University)
Title: “Diophantine Problems and the Torelli Map”
Tea: 5:00PM – 5:30PM in Rm. 4102
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/ScheduleJointNTS29.html>
Meets: 5:30PM - 7:00PM, Rm. 4102
Speaker: Akshay Venkatesh (Stanford University)
Title: “Diophantine Problems and the Torelli Map”
Tea: 5:00PM – 5:30PM in Rm. 4102

Phenomenology Reading Group

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

FRIDAY, December 8th

Manhattan Algebra Day

Website: <http://web.stevens.edu/algebraic/MADAY2017/>
Meets: 10:00AM – 5:30PM, Science Center (Rm. 4102)

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
Speaker: Ruizhi Yang (Fudan University)
Title: “On unary union”

Kolchin Seminar in Differential Algebra

Website: <https://ksda.ccny.cuny.edu/gradcenter.html>
Meets: 10:15AM – 11:30AM, Rm. 5382
Speaker: Joel Nagloo (Bronx Community College CUNY)
Title: “Towards Strong Minimality and the Fuchsian Triangle Group Part II”

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. 3209

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: Kerry Ojakian (BCC, CUNY)

Title: "Extremal cop-win graphs"

Student Seminar of Algebraic and Numerical Algorithms

Meets: 11:45AM - 1:45PM, Rm. 3212

Speaker:

Title: NA

Study Group in Number Theory

Meets: 11:45AM - 1:45PM, Rm. 6494

Speaker:

Title: NA

Data Science and Applied Topology

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

Meets: 11:45AM - 12:45PM, Rm. 3309

Speaker: Michael Ferguson

Title: "Sketches of a Platypus"

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

Meets: 1:30PM – 3:30PM, Rm. 4124.03

Speaker: Bart Van Steirteghem (MEC & GC)

Title: TBA

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

Complex Analysis and Dynamics Seminar

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

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

Speaker: Zeno Huang (College of Staten Island and Graduate Center of CUNY)

Title: "On Weil-Petersson Geometry on Universal Teichmüller Space"

CUNY Logic Workshop

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

Meets: 2:00PM – 3:30PM, Rm. 6417

Speaker: Russell Miller (CUNY)

Title: "Classification and Measure for Countable Structures"

Dynamical System Ideas and Applications

Meets: 2:00PM – 4:00PM, Rm. 4422

Speaker:

Title: NA

Kolchin Afternoon Seminar in Differential Algebra

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

Meets: 2:00PM – 4:00PM, Rm. 5382

Speaker:

Title: NA

Collaborative Number Theory Seminar

Website: <http://qcpages.qc.cuny.edu/~msabitova/CNTS.html>

Meets: 2:00PM – 4:00PM, Rm. 3209

Speaker:

Title: NA

CUNY Representation Theory Seminar

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

Meets: 2:15PM – 3:15PM, Rm. 3212

Speaker:

Title: NA

Mathematical Physics and Fourier Analysis Seminar

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

Meets: 2:15PM - 3:15PM, Rm. 3309

No meeting today.

Algebra and Cryptography Seminar

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

Meets: 2:30PM – 3:30PM, Rm. 3307

No meeting because of Manhattan Algebra Day.

Applied Mathematics Seminar

Meets: 4:00PM – 5:00PM, Rm. 4419

Speaker:

Title: NA

NY Group Theory Seminar

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

Meets: 4:00PM – 5:00PM, Rm. 5417

No meeting because of Manhattan Algebra Day.

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

MONDAY, December 11th

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: 4:00PM – 4:45PM, Rm. 6495
No meeting today.

TUESDAY, December 12th

Non-Linear Analysis Seminar Study

Website: <https://sites.google.com/site/gcnonlinear/>
Meets: 11:45AM – 1:45PM, Rm. 5417
Speaker:
Title: NA

BEAG Seminar (Beginners Explorations in Algebraic Geometry)

Website: <https://lagcc-cuny.digication.com/beag/Flyer/>
Meets: 12:00PM - 2:00PM, Rm. 4214.03
No meeting today.

Geometry & Topology Student Seminar

Website: <http://www.math.csi.cuny.edu/abhijit/studentseminar/>
Meets: 1:30PM – 3:00PM, Rm. 3309
Speaker: Yu Hai
Title: "Mostow Rigidity"

Hyperbolic Geometry Seminar

Website: <http://wfs.gc.cuny.edu/dwhite2/www/hypgeo/index.html>
Meets: 3:00PM - 4:00PM, Rm. 4214.03
Speaker: TBA
Title: TBA

CUNY Geometry & Topology Seminar

Website: <http://comet.lehman.cuny.edu/behrstock/seminar/>
Meets: 4:15PM - 6:15PM, Rm. 3308
Speaker:
Title: NA

CUNY Probability Seminar

Website: <https://probability.commonsgc.cuny.edu/>
Meets: 4:15PM – 5:30PM, Rm. 5417
Speaker:

Title: NA

WEDNESDAY, December 13th

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

Dynamics and Complex Analysis Research Seminar

Website:

<https://docs.google.com/viewer?a=v&pid=sites&srcid=ZGVmYXVsdGRvbWFpbnxzZW1tZXJ5dW55YW5nfGd4OjM2Y2RkN2JmNGUwY2M4OWE>

Meets: 2:15PM – 3:45PM, Rm. 4214.03

Speaker: TBA

Title: TBA

K-Theory Seminar

Website: <https://www.zeinalian.com/seminar/>

Meets: 2:00PM – 4:00PM, Rm. 5417

No meeting today.

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: 5:15PM - 6:15PM, Rm. 6495

Speaker:

Title: NA

NYC Category Theory Seminar

Website: <http://www.sci.brooklyn.cuny.edu/~noson/CTseminar.html>

Meets: 7:00PM - 8:30PM, Rm. 6417

Speaker:

Title: NA

THURSDAY, December 14th

Automorphic Forms Student Seminar

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

Meets: 11:45PM – 1:45PM, Rm. 3212

Speaker:

Title: NA

Student Set Theory Seminar

Website:

Meets: 12:00PM – 1:45PM, Rm. 4214.03

Speaker:

Title: NA

Discrete Geometry and Topological Combinatorics Student Seminar

Meets: 12:45PM – 1:45PM, Rm. 4422

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

Dynamics and Analysis Student Seminar

Meets: 4:15PM – 6:15PM, Rm. 4214.03

Speaker:

Title: NA

Research Training Group in Number Theory Seminar

Website: <http://www.math.columbia.edu/~goldfeld/ScheduleJointNTS29.html>

Meets: 4:00PM – 4:45PM, Columbia University Rm. 622

Speaker: Dipendra Prasad (Tata Institute, Mumbai)

Title: "A MOD-p Artin Tate Conjecture and Generalized Herbrand-Ribet"

Tea: 5:00PM – 5:30PM in Math Lounge on the 5th Floor

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/ScheduleJointNTS29.html>

Meets: 5:30PM - 7:00PM, Columbia University Rm. 417

Speaker: Dipendra Prasad (Tata Institute, Mumbai)

Title: "A MOD-p Artin Tate Conjecture and Generalized Herbrand-Ribet"

Tea: 5:00PM – 5:30PM in Math Lounge on the 5th Floor

Phenomenology Reading Group

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

Speaker:

Title: NA

FRIDAY, December 15th

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

Speaker:

Title: NA

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. 3209

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. 3212

Speaker:

Title: NA

Study Group in Number Theory

Meets: 11:45AM - 1:45PM, Rm. 6494

Speaker:

Title: NA

Data Science and Applied Topology

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

Meets: 11:45AM - 12:45PM, Rm. 3309

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

Meets: 1:30PM – 3:30PM, Rm. 4124.03

Speaker:

Title: NA

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

Complex Analysis and Dynamics Seminar

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

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

Speaker:

Title: NA

CUNY Logic Workshop

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

Meets: 2:00PM – 3:30PM, Rm. 6417

Speaker:

Title: NA

Dynamical System Ideas and Applications

Meets: 2:00PM – 4:00PM, Rm. 4422

Speaker:

Title: NA

Kolchin Afternoon Seminar in Differential Algebra

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

Meets: 2:00PM – 4:00PM, Rm. 5382

Speaker:

Title: NA

Collaborative Number Theory Seminar

Website: <http://qcpages.qc.cuny.edu/~msabitova/CNTS.html>

Meets: 2:00PM – 4:00PM, Rm. 3209

Speaker:
Title: NA

CUNY Representation Theory Seminar

Website: <https://sites.google.com/site/cunyrty/>
Meets: 2:15PM – 3:15PM, Rm. 3212
Speaker:
Title: NA

Mathematical Physics and Fourier Analysis Seminar

Website: <https://sites.google.com/site/mathphysseminar/>
Meets: 2:15PM - 3:15PM, Rm. 3309
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:
Title: NA

Applied Mathematics Seminar

Meets: 4:00PM – 5:00PM, Rm. 4419
Speaker:
Title: NA

NY Group Theory Seminar

Website: <https://sites.google.com/site/nygrouptheory/fall2017>
Meets: 4:00PM – 5:00PM, 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

The Weekly Seminar Bulletin will be on hiatus until February 5th, 2018.