Unless otherwise noted, all seminars meet at the CUNY Graduate Center 365 Fifth Ave. NY, NY. Seminars are listed below in chronological order, and show information for the current week and the following week’s seminars based on the information provided by the seminar organizer. Always check the seminar's website (if provided) for the most current information including updates and abstracts. Special Events, if any, are listed at the end.

If you would like to sign up or change your email address to receive the weekly Seminar Bulletin, please visit: https://gc.listserv.cuny.edu/Scripts/wa-gc.exe?A0=MATHSEMINARGC .

All other matters related to the seminars should be sent to mathseminars@gc.cuny.edu.

The College will be closed November 28th and 29th for the Thanksgiving Holiday! No classes and seminars are scheduled.

------------------------------- MONDAY, November 25th -----------------------------

**Student Dynamics Seminar**
Meet: 12:00PM – 1:30PM, Rm. 5417  
Speaker: 
Title: NA

**Algebraic Number Theory**
Website: https://sites.google.com/site/gradcenterseminars/current-seminars/algebraic-number-theory-student-seminar  
Meet: 2:00PM – 4:00PM, Rm. 4214.03  
Speaker: 
Title: NA

**Einstein Chair Seminar**
Website: http://www.gc.cuny.edu/Page-Elements/Academics-Research-Centers-Initiatives/Doctoral-Programs/Mathematics/Seminars/Einstein-Chair-Mathematics-Seminar  
Meet: 2:00PM – 6:15PM, Rm. 6417  
Speaker: 
Title: NA

**Graduate Student Colloquium**
Website: https://sites.google.com/site/gradcenterseminars/current-seminars/graduate-student-colloquium  
Meet: 4:15pm- 5:00 pm, Rm. 5417  
Speaker: Alexey Ovchinnikov  
Title: ODEs with parameters: theory and applications
TUESDAY, November 26th

**Working Group on Probabilistic Number Theory**
Meets: 9:30AM – 11:30AM, Rm. 4214.03
Speaker:
Title: NA

**Geometry & Topology Student Seminar**
Website: [http://www.math.csi.cuny.edu/abhijit/studentseminar/](http://www.math.csi.cuny.edu/abhijit/studentseminar/)
Meets: 2:00PM – 3:00PM, Rm. 4214.03
Speaker:
Title: No meeting today.

**Computational Logic Seminar**
Meets: 2:00PM – 4:00PM, Rm. 5382
Speaker: Sergei Artemov, CUNY Graduate Center
Title: The Provability of Consistency: Interactive Discussion.

**Hyperbolic Geometry Seminar**
Website: [https://sites.google.com/site/hyperbolicgeometryseminar/home](https://sites.google.com/site/hyperbolicgeometryseminar/home)
Meets: 3:00PM - 4:00PM, Rm. 4214.03
Speaker: Hrant Hakobyan, Kansas State University
Title: Slits, pillowcases, and Poincare inequalities

**CUNY Geometry & Topology Seminar**
Website: [http://comet.lehman.cuny.edu/behrstock/seminar/](http://comet.lehman.cuny.edu/behrstock/seminar/)
Meets: 4:15PM - 5:15PM, Rm. 6417
Speaker:
Title: No meeting today.

**CUNY Probability Seminar**
Website: [https://probability.commons.gc.cuny.edu/](https://probability.commons.gc.cuny.edu/)
Meets: 4:15PM – 5:15PM, Rm. 5417
Speaker: Chris Janjigian, Utah
Title: The Busemann process and geometry of geodesics in directed last passage percolation

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WEDNESDAY, November 27th

**Topology, Geometry and Physics I**
Website: [https://www.zeinalian.com/workshop](https://www.zeinalian.com/workshop)
Meets: 10:00AM - 11:30AM, Rm. 6417
Speaker: Raymond Puzio
Title: Quantum field theory --- computing correlations

**Topology, Geometry and Physics II**
Website: [https://www.zeinalian.com/workshop](https://www.zeinalian.com/workshop)
Meets: 12:00PM - 1:30PM, Rm. 6417
Speaker: James Austin Myer
Title: The Lefschetz Fixed Point Formula and its role in the Weil Conjectures


Topology, Geometry and Physics III
Website: https://www.zeinalian.com/workshop
Meets: 2:00PM - 3:30PM, Rm. 6417
Speaker: Martin Bendersky
Title: Adams operations and lambda rings

Algebraic & Numerical Computation
Meets: 2:00PM - 6:15PM, Rm. 3305
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://nylogic.github.io/MOPA.html
Meets: 6:30PM – 8:30PM, 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
Speaker: James Myer
Title: Higher–Order Categorical Logic: Monads.

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THURSDAY, November 28th
Thanksgiving Day GC is Closed!

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FRIDAY, November 29th
Thanksgiving Recess. GC is closed.

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MONDAY, December 2nd

Student Dynamics Seminar
Meets: 12:00PM – 1:30PM, Rm. 5417
Speaker:
Title: NA

Algebraic Number Theory
Website: https://sites.google.com/site/gradcenterseminars/current-seminars/algebraic-number-theory-student-seminar
Meets: 2:00PM – 4:00PM, Rm. 4214.03
Speaker:
Title: NA
**Einstein Chair Seminar**  
Website: http://www.gc.cuny.edu/Page-Elements/Academics-Research-Centers-Initiatives/Doctoral-Programs/Mathematics/Seminars/Einstein-Chair-Mathematics-Seminar  
Meets: 2:00PM – 6:15PM, Rm. 6417  
Speaker:  
Title: NA  

**Graduate Student Colloquium**  
Website: https://sites.google.com/site/gradcenterseminars/current-seminars/graduate-student-colloquium  
Meets: 4:15pm- 5:00 pm, Rm. 5417  
Speaker:  
Title: NA  

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**TUESDAY, December 3rd**

**Working Group on Probabilistic Number Theory**  
Meets: 9:30AM – 11:30AM, Rm. 4214.03  
Speaker:  
Title: NA  

**Geometry & Topology Student Seminar**  
Website: http://www.math.csi.cuny.edu/abhijit/studentseminar/  
Meets: 2:00PM – 3:00PM, Rm. 4214.03  
Speaker: Alexader Stas  
Title: Translation distance and Murasugi sums  

**Hyperbolic Geometry Seminar**  
Website: https://sites.google.com/site/hyperbolicgeometryseminar/home  
Meets: 2:45PM - 4:00PM, Rm. 4214.03  
Speaker: Peter Shalen, UIC  
Title: Quantitative Mostow rigidity I  

**CUNY Geometry & Topology Seminar**  
Website: http://comet.lehman.cuny.edu/behrstock/seminar/  
Meets: 4:15PM - 5:15PM, Rm. 6417  
Speaker: Effie Kalfagianni, Michigan State and IAS  
Title: Quantum representations and geometry of mapping class groups  

**CUNY Probability Seminar**  
Website: https://probability.commons.gc.cuny.edu/  
Meets: 4:15PM – 5:15PM, Rm. 5417  
Speaker: Jean-Christophe Mourrat, NYU  
Title: NA  

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WEDNESDAY, December 4th

**Topology, Geometry and Physics I**
Website: https://www.zeinalian.com/workshop
Meets: 10:00AM - 11:30AM, Rm. 6417
Speaker: TBA
Title: Introduction to Quantum Field Theory

**Topology, Geometry and Physics II**
Website: https://www.zeinalian.com/workshop
Meets: 12:00PM - 1:30PM, Rm. 6417
Speaker: Jeffrey Kroll
Title: An introduction to flat (unitary) connections and parallel translation in smooth vector bundles

**Topology, Geometry and Physics III**
Website: https://www.zeinalian.com/workshop
Meets: 2:00PM - 3:30PM, Rm. 6417
Speaker: Jeffrey Kroll
Title: The Hamiltonian of trace of holonomy on the moduli space of flat unitary connections on a Kahler manifold

**Algebraic & Numerical Computation**
Meets: 2:00PM - 6:15PM, Rm. 3305
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://nylogic.github.io/MOPA.html
Meets: 6:30PM – 8:30PM, 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
Speaker: Philipp Rothmaler, The Graduate Center and BCC
Title: Martsinkovsky- Russell torsion done definably

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THURSDAY, December 5th

Symbolic-Numeric Computing Seminar
Website: http://qcpages.qc.cuny.edu/~aovchinnikov/seminar.html
Meets: 2:00PM – 4:00PM, Rm. 3309
Speaker: Nicolas Brisebarre, Ecole Normale Superieure de Lyon
Title: Correct rounding of transcendental functions: an approach via Euclidean lattices and approximation theory.

New York Number Theory Seminar
Website: http://www.math.rutgers.edu/~bumby/nyntsem/
Meets: 2:45PM - 4:00PM, Rm. 4419
Speaker: Josiah Sugarman, CUNY Graduate Center
Title: The Borcea Branden characterization for stability preservers in the Weyl algebra II

CUNY Geometric Analysis Seminar
Website: https://bsantoro.ccny.cuny.edu/GCSeminar.html
Meets: 3:00PM – 4:00PM, Rm. 6496
Speaker: Freid Tong, Columbia University
Title: NA

Nonlinear Analysis and PDEs Seminar
Website: https://www.math.csi.cuny.edu/~mlucia/GCactivities
Meets: 4:15PM - 5:15PM, Rm. 6496
Speaker: Aidin Murtha, CUNY-Hunter College
Title: Learning Seminar on Incompressible Euler and Navier-Stokes: Issues in Regularity and Well-posedness, Part III

Research Training Group in Number Theory Seminar
Website: http://www.math.columbia.edu/~goldfeld/ScheduleJointNTS33.html
Meets: 4:00PM – 4:45PM, Rm. 805, NYU/Courant Institute
Speaker: Wanlin Li, MIT
Title: Newton Polygon Stratification of the Torelli Locus in Pel-Type Shimura Varieties
Tea: 5:00PM- 5:30PM served in Rm. 317 Warren Weaver Hall, 251 Mercer St., NYC
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/ScheduleJointNTS33.html
Meets: 5:30PM - 7:00PM, Rm. 805, NYU/Courant Institute
Speaker: Wanlin Li, MIT
Title: Newton Polygon Stratification of the Torelli Locus in Pel-Type Shimura Varieties
5:00PM- 5:30PM served in Rm. 317 Warren Weaver Hall, 251 Mercer St., NYC
NOTE: The RTG talk is aimed at graduate students and post-docs.

FRIDAY, December 6th

Number Theory Student Seminar
Meets: 10:00AM – 11:30M, Rm. 4419
Speaker:
Title: NA
Set Theory Seminar
Website: https://nylogic.github.io/set-theory-seminar.html
Meets: 10:00am- 12:00pm, Rm. 6417
Speaker:
Title: NA

Kolchin Seminar in Differential Algebra
Website: http://qcpages.qc.cuny.edu/~aochinnikov/ksda/
Meets: 10:15AM – 11:30AM, Rm. 5382
Speaker: Sam Coogan, Georgia Tech
Title: NA

Extremal Length Seminar
Website: http://userhome.brooklyn.cuny.edu/gardiner/notes.html
Meets: 10:30AM - 12:00PM, Rm. 4214.03
Speaker:
Title: NA

Almost Complex Geometry
Website: http://qcpages.qc.cuny.edu/~swilson/ACGsem.html
Meets: 11:45AM –1:45PM, Rm. 3212
Speaker: Qian Chen
Title: NA

New York Combinatorics Seminar
Website: http://userhome.brooklyn.cuny.edu/skingan/CombinatoricsSeminar/index.html
Meets: 11:45AM - 12:45PM, Rm. 4422
Speaker:
Title: NA

Study Group in Number Theory
Meets: 11:45AM - 1:00PM, Rm. 3307
Website: https://fsw01.bcc.cuny.edu/cormac.osullivan/Research/number_theory.html
Speaker: Djordje Milicevic, Bryn Mawr College
Title: NA

Data Science and Applied Topology
Website: http://cunygc.appliedtopology.nyc/
Meets: 11:45AM - 12:45PM, Rm. 4419
Speaker: Azita Mayeli
Title: Planning: High Dimensional Probability: an introduction with application to data analysis

CUNY Representation Theory Seminar
Website: https://sites.google.com/site/cunyrt/
Meets: 12:00PM – 1:45PM, Rm 3309
Speaker:
Title: NA
Model Theory Seminar
Website: http://nylogic.org/model-theory
Meets: 12:30PM- 2:00PM, Rm. 6417
Speaker:
Title: NA

BEAG seminar (Beginners Explorations in Algebraic Geometry)
Website: https://lagcc-cuny.digication.com/beag/FALL_2019
Meets: 3:00PM – 4:00PM, Rm. 4433
Speaker:
Title:
No meeting!

Complex Analysis and Dynamics Seminar
Website: http://qcpages.qc.cuny.edu/~zakeri/seminar.html
Meets: 2:00PM - 3:00PM, Rm. 5417
Speaker: Yusheng Luo, Stony Brook University
Title: R-Trees in Complex Dynamics

CUNY Logic Workshop
Website: https://nylogic.github.io/
Meets: 2:00PM – 3:30PM, Rm. 6417
Speaker: Chris Laskowski, University of Maryland
Title: NA

Discrete Geometry Seminar
Website: https://geometrynyc.wixsite.com/home/nyc-geometry-seminar
Meets: 2:00PM – 4:00PM, Rm. 5383
Speaker: Quentin Dubroff, Rutgers
Title: Ordinary configurations in point-line arrangements

Harmonic Analysis and PDE’s Seminar
Website: https://sites.google.com/site/mathphysseminar/
Meets: 2:00PM – 4:00PM, Rm. 4419
Speaker: Mariusz Mirez, Rutgers University
Title: Dimension free estimates for the discrete Hardy-Littlewood maximal functions

Kolchin Afternoon Seminar in Differential Algebra
Website: http://qcpages.qc.cuny.edu/~aovchinnikov/ksda/
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 – 3:30PM, Rm. 6421
Speaker:
Title: NA
Algebra and Cryptography Seminar
Website: http://www.sci.ccny.cuny.edu/~shpil/algcryp.html
Meets: 2:30PM – 4:30PM, Rm. 3307
Speaker: 
Title: NA

NY Group Theory Seminar
Website: https://sites.google.com/site/nygrouptheory/new-york-group-theory-seminar/fall-2019
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: 4:15PM – 5:15PM, Rm. 6417
Speaker: 
Title: NA

Learning Seminar: Introduction to modular forms
Meets: 4:15PM – 5:45PM, Rm. 5382
Speaker: 
Title: NA

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Upcoming Events

Computer Science Colloquium
Meets: December 5, 2019, 4:15 PM, Room TBA
Speaker: Yde Venema, ILLC, Universiteit van Amsterdam
Title: Bisimulation invariance: an approach via tree automata