All seminars are remote for Fall 2020. Unless otherwise noted, you must go to the seminar website for connecting information.

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?SUBED1=MATHSEMINARGC&A=1. All other matters related to the seminars should be sent to mathseminars@gc.cuny.edu.

MONDAY, October 12
Columbus Day GC is Closed no classes or seminars today!

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TUESDAY, October 13

Geometry & Topology Student Seminar
Website: http://www.math.csi.cuny.edu/abhijit/studentseminar/
Meets: 1:30PM – 3:00PM, Online
Speaker: Yassin Chandran, CUNY GC
Title: Seifert Manifolds (Section 10.3)
Online - Contact Organizer: Abhijit Champanerkar (achampanerkar@gmail.com)
Hyperbolic Geometry Seminar
Website: https://sites.google.com/site/hyperbolicgeometryseminar/home
Meets: 3:00PM - 4:15PM, Online
Speaker: Justin Lanier, University of Chicago
Title: Constraining mapping class group homomorphisms using finite subgroups
Online - Contact Organizer Nick Vlamis (nicholas.vlamis@qc.cuny.edu)

CUNY Geometry & Topology Seminar
Website: http://comet.lehman.cuny.edu/behrstock/seminar/
Meets: 4:15PM - 5:15PM, Online
Speaker: Ivan Levcovitz, Technion
Title: Characterizing divergence in right-angled Coxeter groups
Online - See Seminar Website
CUNY Probability Seminar
Website: https://probability.commons.gc.cuny.edu/
Meets: 4:30PM – 5:30PM, Online
Speaker: Sayan Banerjee, University of North Carolina, Chapel Hill.
Title: Persistence and root detection algorithms in growing networks
Online - See Seminar Website

CUNY Student Logic Seminar
Website: https://sites.google.com/view/cuny-student-logic-seminar/schedule
Meets: 6:30- 8:00PM, Online
Speaker: Moshe Dinowitz
Title: The Arithmetical Hierarchy
Online - Contact Organizer: Jason Block (jblock@gradcenter.cuny.edu)

Iwasawa Theory Learning Seminar
Website: https://sites.google.com/view/cuny-alg-nt-student-seminar/home
Meets: 2:00PM-3:30PM, Online
Speaker: Xiaoyu Huang
Title: Zp-extensions, lambda = O[[T]] and the structure theorem for finitely generated lambda-modules.
Contact Organizer: Xiaoyu Huang (xhuang@gradcenter.cuny.edu)

WEDNESDAY, October 14
Classes follow Monday Schedule
**Graduate Forum in Probability**

Website: [https://probability.commons.gc.cuny.edu/graduate-forum-in-probability/](https://probability.commons.gc.cuny.edu/graduate-forum-in-probability/)

Meets: 12:00PM – 1:00PM, Online

Speaker:

Title: NA

No Meeting

Online - See Seminar Website

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**Einstein Chair Seminar**

Website: [http://www.gc.cuny.edu/Page-Elements/Academics-Research-Centers-Initiatives/Doctoral-Programs/Mathematics/Seminars/Einstein-Chair-Mathematics-Seminar](http://www.gc.cuny.edu/Page-Elements/Academics-Research-Centers-Initiatives/Doctoral-Programs/Mathematics/Seminars/Einstein-Chair-Mathematics-Seminar)

Meets: 2:00PM – 4:00PM, Online

Speaker:

Title: NA

No Meeting

Online - See Seminar Website

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**Graduate Student Colloquium- This is now Math 70911 Research Seminar and is open to all students**

Website: [https://sites.google.com/site/gradcenterseminars/current-seminars/graduate-student-colloquium](https://sites.google.com/site/gradcenterseminars/current-seminars/graduate-student-colloquium)

Meets: 4:15pm- 6:15pm, Online

Speaker:

Title: NA

No Meeting Today

Online- Contact Organizer: Asher Roberts: aroberts@gradcenter.cuny.edu
THURSDAY, October 15

**CUNY Geometric Analysis Seminar**
Website: https://bsantoro.ccny.cuny.edu/GCSeminar.html
Meets: 4:00PM – 5:00PM, Online
Speaker: Yueh-Ju Lin, Wichita State University
Title: Volume comparison of Q-curvature
Online - Contact Organizer: (nkatz@citytech.cuny.edu)

**New York Number Theory Seminar**
Website: http://www.math.rutgers.edu/~bumby/nyntsem/
Meets: 3:00PM - 4:30PM, Online
Speaker: Mel Nathanson, CUNY
Title: Dirichlet series of integers with missing digits
Zoom Info: https://us02web.zoom.us/j/84849458586 [us02web.zoom.us]

**NY Group Theory Seminar**
Website: https://sites.google.com/site/nygrouptheory/new-york-group-theory-seminar/fall-2020
Meets: 4:00PM – 5:15PM, Online
Speaker: Annalisa Massaccesi, Università degli Studi di Padova
Title: Currents with coefficients in groups and applications to network optimization problems
Online - See Seminar Website
**Nonlinear Analysis and PDEs Seminar**

Website: [https://www.math.csi.cuny.edu/~mlucia/GCactivities.html](https://www.math.csi.cuny.edu/~mlucia/GCactivities.html)

Meets: 4:15PM - 5:00PM, Online

Speaker:

Title: NA

Online - Contact Organizer: [Marcello.Lucia@csi.cuny.edu](mailto:Marcello.Lucia@csi.cuny.edu)

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**Research Training Group in Number Theory Seminar**

Website: [http://www.math.columbia.edu/~goldfeld/ScheduleJointNTS35.html](http://www.math.columbia.edu/~goldfeld/ScheduleJointNTS35.html)

Meets: 4:00PM - 4:45PM, Online

Speaker: Alireza Salehi Golsefidy, UCSD

Title: SPECTRAL GAP IN PERFECT ALGEBRAIC GROUPS OVER PRIME FIELDS

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

Online - See Seminar Website

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

Website: [http://www.math.columbia.edu/~goldfeld/ScheduleJointNTS35.html](http://www.math.columbia.edu/~goldfeld/ScheduleJointNTS35.html)

Meets: 5:00PM - 6:00PM, Online

Speaker: Alireza Salehi Golsefidy, UCSD

Title: SPECTRAL GAP IN PERFECT ALGEBRAIC GROUPS OVER PRIME FIELDS

Online - See Seminar Website
FRIDAY, October 16

Student Reading Seminar in Quasiconformal Maps, Hyperbolic Geometry and Riemann Surfaces
Meets: Fridays 9:00AM-10:00AM, Online
Speaker: 
Title: NA
Contact Organizer: Dragomir Saric (dagomir.saric@QC.cuny.edu)

CUNY Representation Theory Seminar
Website: https://sites.google.com/site/cunyrt/
Meets: 10:00AM – 11:00AM, Online
Speaker: 
Title: NA
Contact Organizer: Joshua Sussan (jsussan@mec.cuny.edu)

Extremal Length Seminar
Website: http://userhome.brooklyn.cuny.edu/gardiner/notes.html
Meets: 10:30AM - 12:00PM, Online
Speaker: Fred Gardiner
Title: Teichmuller theory and complex analysis; On Smale's mean value conjecture.
Contact Organizer: Fred Gardiner (frederick.gardiner@gmail.com)
**Set Theory Seminar**

Website: [https://nylogic.github.io/set-theory-seminar.html](https://nylogic.github.io/set-theory-seminar.html)

Meets: 3:00PM- 4:00PM (SPECIAL TIME), Online

Speaker: Richard Matthews, University of Leeds

Title: Taking Reinhardt's Power Away

Online - See Seminar Website.

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**Data Science and Applied Topology**

Website: [http://cunygc.appliedtopology.nyc/](http://cunygc.appliedtopology.nyc/)

Meets: 11:45AM - 1:45PM, Online

Speaker: Peter Luthy

Title: Machine Learning Reading Group

Online - See Seminar Website.
**Almost Complex Geometry**

Website: [http://qcpages.qc.cuny.edu/~swilson/ACGsem.html](http://qcpages.qc.cuny.edu/~swilson/ACGsem.html)

Meets: 12:00M – 1:30PM, Online

Speaker: Prof. Gustavo Granja, U. Lisbon

Title: On the homotopy type of the space of almost complex structures with $c_1=0$ on six manifolds

Online - See Seminar Website

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**New York Combinatorics Seminar**

Website: [http://userhome.brooklyn.cuny.edu/skingan/CombinatoricsSeminar/index.html](http://userhome.brooklyn.cuny.edu/skingan/CombinatoricsSeminar/index.html)

Meets: 12:00PM – 1:00PM, Online

Speaker: David Offner, Carnegie Mellon University

Title: Path and cycle decompositions of hypercube graphs

Contact Organizer: Sandra Kingan ([skingan@brooklyn.cuny.edu](mailto:skingan@brooklyn.cuny.edu))
Study Group on Symplectic and Kahler Manifolds
Website:  https://yfei.page/seminars/symplectic/
Meets: 2:00PM - 3:00PM, Online
Speaker:
Title: NA
Contact Organizer: Fei Ye (feye@qcc.cuny.edu) or David Pham (DNpham@qcc.cuny.edu)

Complex Analysis and Dynamics Seminar
Website:  http://qcpages.qc.cuny.edu/~zakeri/seminar.html
Meets: 2:00PM - 3:00PM, Online
Speaker:
Title: NA
No Meeting Today
Online - See Seminar Website.
CUNY Logic Workshop
Website: https://nylogic.github.io/
Meets: 2:00PM – 3:30PM, Online
Speaker:
Title: NA
No Meeting Today
Online - See Seminar Website.

Harmonic Analysis and PDE’s Seminar
Website: https://sites.google.com/site/mathphysseminar/
Meets: 2:00 PM – 3:00PM, Online
Speaker: Aseel Farhat, Florida State University
Title: Data Assimilation & PDEs (Part III)
Online - See Seminar Website.
BEAG seminar (Beginners Explorations in Algebraic Geometry)
Website: https://lagcc-cuny.digication.com/beag/FALL_2020/
Meets: 2:00PM – 3:00PM, Online
Speaker: Roy
Title: Ricci Flow
Online - See Seminar Website.

Algebra & Algebraic Geometry Seminar
Website: http://websupport1.citytech.cuny.edu/Faculty/hschoutens/CAAG.html
Meets: 4:15PM – 5:15PM, Online
Speaker:
Title: NA
No Meeting Today
Online- Contact Organizer: (hschoutens@citytech.cuny.edu)

Commutative Algebra & Algebraic Geometry Seminar
Website: http://websupport1.citytech.cuny.edu/Faculty/hschoutens/CAAG.html
Meets: 4:15PM – 5:15PM, Online
Speaker: James Myer, GC
Title: The alterations paradigm shift for the problem of resolution of singularities (part 2)
Online- Contact Organizer: (hschoutens@citytech.cuny.edu)
MONDAY, October 19

Graduate Forum in Probability
Website: https://probability.commons.gc.cuny.edu/graduate-forum-in-probability/
Meets: 12:00PM – 1:00PM, Online
Speaker: Elena Kosygina
Title: What is a branching process?
Online - See Seminar Website

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 – 4:00PM, Online
Speaker: The role of Leibniz rule in 3D fluid computation I
Title: Dennis Sullivan
Online - See Seminar Website
Graduate Student Colloquium- This is now Math 70911 Research Seminar and is open to all students

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

Meets: 4:15pm- 6:15pm, Online

Speaker: Michael Shub

Title: Complexity and Dynamics: What are the simplest dynamical systems?

Online- Contact Organizer: Asher Roberts: aroberts@gradcenter.cuny.edu

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TUESDAY, October 20

Geometry & Topology Student Seminar

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

Meets: 1:30PM – 3:00PM, Online

Speaker: Michael Marinelli, CUNY GC

Title: Classification of Seifert manifolds (Section 10.4)

Online - Contact Organizer: Abhijit Champanerkar (achampanerkar@gmail.com)
Hyperbolic Geometry Seminar
Website: https://sites.google.com/site/hyperbolicgeometryseminar/home
Meets: 3:00PM - 4:15PM, Online
Speaker: Feng Luo, Rutgers University, New Brunswick
Title: Weyl problem for convex surfaces in the hyperbolic 3-space and the Koebe circle domain conjecture
Online - Contact Organizer Nick Vlamis (nicholas.vlamis@qc.cuny.edu)

CUNY Geometry & Topology Seminar
Website: http://comet.lehman.cuny.edu/behrstock/seminar/
Meets: 4:15PM - 5:15PM, Online
Speaker: Davide Spriano, Oxford
Title: NA
Online - See Seminar Website
CUNY Probability Seminar
Website: https://probability.commons.gc.cuny.edu/
Meets: 4:30PM – 5:30PM, Online
Speaker: Patricia Alonso Ruiz, Texas A&M University
Title: Short-time analysis of heat kernels on diamond fractals
Online - See Seminar Website

CUNY Student Logic Seminar
Website: https://sites.google.com/view/cuny-student-logic-seminar/schedule
Meets: 6:30- 8:00PM, Online
Speaker:
Title: NA
Online - Contact Organizer: Jason Block (jblock@gradcenter.cuny.edu)

WEDNESDAY, October 21

Iwasawa Theory Learning Seminar
Website: https://sites.google.com/view/cuny-alg-nt-student-seminar/home
Meets: 2:00PM-3:30PM, Online
Speaker:
Title: NA
Contact Organizer: Xiaoyu Huang (xhuang@gradcenter.cuny.edu)
Models of Peano Arithmetic

Website: https://nylogic.github.io/MOPA.html

Meets: 5:00PM-6:00PM, Online

Speaker: 

Title: NA

Online - See Seminar Website.

NYC Category Theory Seminar

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

Meets: 7:00PM - 8:30 PM, Online

Speaker: Andrei V. Rodin, Saint Petersburg State University

Title: Vladimir Voevodsky’s Unachieved Project.

Online - Contact Organizer: (noson@sci.brooklyn.cuny.edu)

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THURSDAY, October 22

CUNY Geometric Analysis Seminar

Website: https://bsantoro.ccny.cuny.edu/GCSeminar.html

Meets: 4:00PM – 5:00PM, Online

Speaker: Curtis Pro, Cal State Stanislaus

Title: Extending a diffeomorphism finiteness theorem to dimension 4.

Online - Contact Organizer: (nkatz@citytech.cuny.edu)
**New York Number Theory Seminar**
Website: [http://www.math.rutgers.edu/~bumby/nyntsem/](http://www.math.rutgers.edu/~bumby/nyntsem/)
Meets: 3:00PM - 4:30PM, Online
Speaker: James Sellers, University of Minnesota - Duluth
Title: Congruences for Fishburn numbers
Zoom Info: [https://us02web.zoom.us/j/84849458586](https://us02web.zoom.us/j/84849458586) [us02web.zoom.us]

**Nonlinear Analysis and PDEs Seminar**
Website: [https://www.math.csi.cuny.edu/~mlucia/GCactivities.html](https://www.math.csi.cuny.edu/~mlucia/GCactivities.html)
Meets: 4:15PM - 5:00PM, Online
Speaker:
Title: NA
No Meeting Today
Online - Contact Organizer: (Marcello.Lucia@csi.cuny.edu)

**Research Training Group in Number Theory Seminar**
Website: [http://www.math.columbia.edu/~goldfeld/ScheduleJointNTS35.html](http://www.math.columbia.edu/~goldfeld/ScheduleJointNTS35.html)
Meets: 4:00PM- 4:45PM, Online
Speaker: Federico Scavia, University of British Columbia
Title: MOTIVIC CLASSES OF CLASSIFYING STACKS OF ALGEBRAIC GROUPS
NOTE: The RTG talk is aimed at graduate students and post-docs.
Online - See Seminar Website
New York Joint Columbia-CUNY-NYU Number Theory Seminar
Website: http://www.math.columbia.edu/~goldfeld/ScheduleJointNTS35.html
Meets: 5:00PM - 6:00PM, Online
Speaker: Federico Scavia, University of British Columbia
Title: MOTIVIC CLASSES OF CLASSIFYING STACKS OF ALGEBRAIC GROUPS
Online - See Seminar Website

FRIDAY, October 23

Student Reading Seminar in Quasiconformal Maps, Hyperbolic Geometry and Riemann Surfaces
Meets: Fridays 9:00AM-10:00AM, Online
Speaker:
Title: NA
Contact Organizer: Dragomir Saric (dagomir.saric@QC.cuny.edu)

CUNY Representation Theory Seminar
Website: https://sites.google.com/site/cunyrt/
Meets: 10:00AM – 11:00AM, Online
Speaker: Peter Samuelson, Riverside
Title: NA
Contact Organizer: Joshua Sussan (jsussan@mec.cuny.edu)
**Extremal Length Seminar**

Website: [http://userhome.brooklyn.cuny.edu/gardiner/notes.html](http://userhome.brooklyn.cuny.edu/gardiner/notes.html)

Meets: 10:30AM - 12:00PM, Online

Speaker: Frederick Gardiner

Title: Teichmuller theory and complex analysis; On Smale's mean value conjecture

Contact Organizer: Fred Gardiner ([frederick.gardiner@gmail.com](mailto:frederick.gardiner@gmail.com))

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**Set Theory Seminar**

Website: [https://nylogic.github.io/set-theory-seminar.html](https://nylogic.github.io/set-theory-seminar.html)

Meets: 3:00PM - 4:00PM, (SPECIAL TIME) Online

Speaker: Gabriel Goldberg, University of Berkeley

Title: NA

Online - See Seminar Website.
Data Science and Applied Topology
Website: [http://cunygc.appliedtopology.nyc/](http://cunygc.appliedtopology.nyc/)
Meets: 11:45AM - 1:45PM, Online
Speaker: Vincent Martinez
Title: Machine Learning Reading Group
Online - See Seminar Website.

Almost Complex Geometry
Website: [http://qcpages.qc.cuny.edu/~swilson/ACGsem.html](http://qcpages.qc.cuny.edu/~swilson/ACGsem.html)
Meets: 12:00M – 1:30PM, Online
Speaker: Prof. Teng Huang
Title: On Euler number of symplectic hyperbolic manifold
Online - See Seminar Website

New York Combinatorics Seminar
Website: [http://userhome.brooklyn.cuny.edu/skingan/CombinatoricsSeminar/index.html](http://userhome.brooklyn.cuny.edu/skingan/CombinatoricsSeminar/index.html)
Meets: 12:00PM – 1:00PM, Online
Speaker: Ambat Vijayakumar, Cochin University of Science and Technology, India
Title: Power domination problem - A Survey
Contact Organizer: Sandra Kingan (skingan@brooklyn.cuny.edu)
Study Group on Symplectic and Kahler Manifolds
Website: [https://yfei.page/seminars/symplectic/](https://yfei.page/seminars/symplectic/)
Meets: 2:00PM - 3:00PM, Online
Speaker:
Title: NA
Contact Organizer: Fei Ye ([feye@qcc.cuny.edu](mailto:feye@qcc.cuny.edu)) or David Pham ([DNpham@qcc.cuny.edu](mailto:DNpham@qcc.cuny.edu))

Complex Analysis and Dynamics Seminar
Website: [http://qcpages.qc.cuny.edu/~zakeri/seminar.html](http://qcpages.qc.cuny.edu/~zakeri/seminar.html)
Meets: 2:00PM - 3:00PM, Online
Speaker:
Title: NA
Online - See Seminar Website.

CUNY Logic Workshop
Website: [https://nylogic.github.io/](https://nylogic.github.io/)
Meets: 2:00PM – 3:30PM, Online
Speaker:
Title: NA
Online - See Seminar Website.
Harmonic Analysis and PDE's Seminar
Website: https://sites.google.com/site/mathphysseminar/
Meets: 2:00 PM – 3:00PM, Online
Speaker: Gergo Kiss, Alfréd Rényi Institute of Mathematics
Title: On the Fuglede conjecture for the product of elementary abelian groups over prime fields
Online - See Seminar Website.

BEAG seminar (Beginners Explorations in Algebraic Geometry)
Website: https://lagcc-cuny.digication.com/beag/FALL_2020/
Meets: 2:00PM – 3:00PM, Online
Speaker: Shenglan
Title: Hyperbolic space, Poincare disk, geodesics
Online - See Seminar Website.

NY Group Theory Seminar- [Note the Friday meeting time!]
Website: https://sites.google.com/site/nygrouptheory/new-york-group-theory-seminar/fall-2020
Meets: 4:00PM – 5:00PM, Online
Speaker: Lisa Carbone, Rutgers University, New Brunswick
Title: NA
Online - See Seminar Website
Algebra & Algebraic Geometry Seminar
Website: http://websupport1.citytech.cuny.edu/Faculty/hschoutens/CAAG.html
Meets: 4:15PM – 5:15PM, Online
Speaker:
Title: NA
Online- Contact Organizer: (hschoutens@citytech.cuny.edu)

Commutative Algebra & Algebraic Geometry Seminar
Website: http://websupport1.citytech.cuny.edu/Faculty/hschoutens/CAAG.html
Meets: 4:15PM – 5:15PM, Online
Speaker:
Title: NA
Online- Contact Organizer: (hschoutens@citytech.cuny.edu)