CUNY Mathematics Seminars Bulletin - CUNY Ph.D. Program in Mathematics

------------- Fall 2021 | Monday, September 20, 2021---------

All seminars are remote for Fall 2021.

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, September 20

Student Research Seminar- Graduate Student Colloquium
Website: Seminars and Colloquia - 2021-2022 (google.com)
Meets: 4:15PM-6:15 PM, Online
Speaker: Christina Sormani
Title: When do sequences of metric spaces converge?
Online- Contact Organizer: Mondal, Sayantika smondal@gradcenter.cuny.edu and Jarvis, Samantha sjarvis@gradcenter.cuny.edu.
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TUESDAY, September 21

Geometry & Topology Student Seminar
Website: http://www.math.csi.cuny.edu/abhijit/studentseminar/
Meets: 1:30PM – 2:30PM, Online
Speaker: Michael Marinelli
Title: Ideal triangulations of punctured torus bundles
Online - Contact Organizer: Abhijit Champanerkar aachampanerkar@gmail.com

Hyperbolic Geometry Seminar
Website: Hyperbolic Geometry Seminar (google.com)
Meets: 3:00PM - 4:00PM, Online
Speaker: 
Title: NA
Online - See Seminar Website
CUNY Geometry & Topology Seminar
Website: http://comet.lehman.cuny.edu/behrstock/seminar/
Meets: 4:15PM - 5:15PM, Online
Speaker: Tim Susse, Bard College at Simon's Rock
Title: When is a RACG QI to a RAAG?
Online - See Seminar Website

CUNY Probability Seminar
Website: https://probability.commons.gc.cuny.edu/
Meets 4:30PM – 5:30PM, Online
Speaker:
Title: NA
Online - See Seminar Website

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

Einstein Chair Seminar
Website: Einstein Chair Mathematics Seminar (cuny.edu)
Meets: 6:30PM –8:00PM, Online
Speaker:
Title: NA
Online - See Seminar Website

WEDNESDAY, September 22

Models of Peano Arithmetic
Website: https://nylogic.github.io/MOPA.html
Meets: 6:30PM- 8:00PM, Online
Speaker:
Title: NA
Online - See Seminar Website.

NYC Category Theory Seminar
Website: Category Theory Seminar (cuny.edu)
Meets: 7:00PM - 8:30PM, Online
Speaker:
Title: NA
Online - Contact Organizer: N. Yanofsky (noson@sci.brooklyn.cuny.edu)
THURSDAY, September 23

**Quasiconformal Maps, Hyperbolic Geometry, and Low-dimensional Topology**  
Website: [https://dragomirsaric.com/graduate-students/](https://dragomirsaric.com/graduate-students/)  
Meets: 10:00AM - 11:00AM, Online  
Speaker: Michael Pandazis and Dragomir Saric  
Title: Lengths of closed geodesics under qc deformations; Shear coordinates for finite surfaces  
Online - Contact Organizer: dagomir.saric@QC.cuny.edu  

**Kolchin Seminar in Differential Algebra**  
Website: [Kolchin Seminar (google.com)](Kolchin Seminar (google.com))  
Meets: 11:10AM- 12:10PM, Online  
Speaker:  
Title: NA  
This seminar will start September 30th  
Online - See Seminar Website  

**Mostly Teichmüller Spaces (MTS) Seminar**  
Website: [MTS SEMINAR – Dragomir Saric](MTS SEMINAR – Dragomir Saric)  
Meets: 11:00AM - 12:00PM, Online  
Speaker:  
Title: NA  
Online - Online - See Seminar Website  

**Polynomial and Matrix Computations Seminar**  
Meets: 2:00PM - 4:00PM, Online  
Speaker: Victor Pan, CUNY  
Title: Novel fast root-finders for sparse polynomials  
Zoom Info: [https://meet.google.com/ypa-gsxt-xqr](https://meet.google.com/ypa-gsxt-xqr)  

**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: Mel Nathanson, Lehman College and the Graduate Center  
Title: Convexity and the Muirhead-Rado inequality: Symmetrization  
Zoom Info: [https://lehman-cuny-edu.zoom.us/j/87447823245?pwd=L0Y1L1VGRjQxVCtsVjRVVW5EdE1qZz09](https://lehman-cuny-edu.zoom.us/j/87447823245?pwd=L0Y1L1VGRjQxVCtsVjRVVW5EdE1qZz09)  

**Symplectic Geometry Study Group**  
Website: [Symplectic Geometry Study Group (yfei.page)](Symplectic Geometry Study Group (yfei.page))  
Meets: 3:00PM – 4:00PM, Online  
Speaker: David Pham, QCC  
Title: Moser’s Trick & Darboux's Theorem  
Online – Contact Organizer: Fei Ye (feye@qcc.cuny.edu) or David Pham (DNpham@qcc.cuny.edu)
CUNY Geometric Analysis Seminar
Website: [CUNY Geometric Analysis Seminar (lehman.edu)]
Meets: 4:00PM – 5:00PM, Online
Speaker: Zhou Zhang, The University of Sydney
Title: The Modified Kahler-Ricci Flow and Degenerate Calabi-Yau Equation
Online - Contact Organizer: (nkatz@citytech.cuny.edu)

Research Training Group in Number Theory Seminar
Meets: 5:30PM- 6:30PM, Online
Speaker: NA
Title: NA
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
Meets: 5:30PM - 6:30PM, Online
Speaker: NA
Title: NA
Online - See Seminar Website

FRIDAY, September 24

Automorphic Forms and Representations Study Group
Website: [https://sites.google.com/site/gradcenterseminars/current-seminars/automorphic-forms-and-l-functions-student-seminar](https://sites.google.com/site/gradcenterseminars/current-seminars/automorphic-forms-and-l-functions-student-seminar)
Meets: 9:30AM – 11:00AM, Online
Speaker: NA
Title: NA
Online - See Seminar Website

CUNY Representation Theory Seminar
Website: [https://sites.google.com/site/cunyrt/](https://sites.google.com/site/cunyrt/)
Meets: 10:00AM – 11:00AM, Online
Speaker: NA
Title: NA
Contact Organizer: Joshua Sussan ([jsussan@mec.cuny.edu](mailto:jsussan@mec.cuny.edu))
Seminar in Logic, Games and Philosophy
Website: https://philog.arthurpaulpedersen.org/
Meets: 10:00AM - 11:00AM, Online
Speaker: NA
Title: NA
Online - See Seminar Website

Working Seminar on Nonlinear PDE
Meets: 11:00AM - 12:00PM, Online
Speaker: NA
Title: NA
Online - Contact Organizer: Marcello.Licia@csi.cuny.edu

Data Science and Applied Topology
Website: http://cunygc.appliedtopology.nyc/
Meets: 11:45AM - 12:45PM, Online
Speaker: NA
Title: NA
Online - See Seminar Website.

Almost Complex Geometry
Website: http://qcpages.qc.cuny.edu/~swilson/ACGsem.html
Meets: 12:00M – 1:30PM, Online
Speaker: Prof. Fabio Paradiso, U. Torino
Title: Generalized Kahler almost abelian Lie groups
Online - See Seminar Website
**New York Combinatorics Seminar**
Website: [https://www.nycombinatorics.org/seminar](https://www.nycombinatorics.org/seminar)
Meets: 12:00PM – 1:00PM, Online
Speaker: Robert Bliss, Rutgers University
Title: Combinatorial Union Busting with Stopped Strings
Contact Organizer: Sandra Kingan ([skingan@brooklyn.cuny.edu](mailto:skingan@brooklyn.cuny.edu))

**Harmonic Analysis and PDE's Seminar**
Website: [http://math.hunter.cuny.edu/vmartine/seminar_HA-PDE_2021-fall.html](http://math.hunter.cuny.edu/vmartine/seminar_HA-PDE_2021-fall.html)
Meets: 1:00PM – 2:15PM, Online
Speaker: NA
Title: NA
Online - See Seminar Website.

**BEAG seminar (Beginners Explorations in Algebraic Geometry)**
Website: [Digication ePortfolio :: BEAG :: SPRING 2021](#)
Meets: 2:00PM – 3:00PM, Online
Speaker: NA
Title: NA
Online - See Seminar Website.

**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: NA
Title: NA
Online - See Seminar Website.

**CUNY Logic Workshop**
Website: [Logic Workshop | NYlogic](#)
Meets: 2:00PM - 3:30PM, Online
Speaker: NA
Title: NA
Online - See Seminar Website.

**Set Theory Seminar**
Website: [https://nylogic.github.io/set-theory-seminar.html](https://nylogic.github.io/set-theory-seminar.html)
Meets: 2:00PM- 3:00PM, Online
Speaker: NA
Title: NA
Online - See Seminar Website.
Commutative Algebra & Algebraic Geometry Seminar  
Website: [http://websupport1.citytech.cuny.edu/Faculty/hschoutens/CAAG.html](http://websupport1.citytech.cuny.edu/Faculty/hschoutens/CAAG.html)  
Meets: 4:00PM – 5:00PM, Online  
Speaker: NA  
Title: NA  
Online- Contact Organizer: Hans Schoutens (hschoutens@citytech.cuny.edu)

NY Group Theory Seminar  
Website: [NY Group Theory Cooperative - Fall 2021 (google.com)](https://nygrouptheory.cooperative.org)  
Meets: 4:00PM- 5:00PM, Online  
Speaker: NA  
Title: NA  
Online - See Seminar Website

MONDAY, September 27

Student Research Seminar- Graduate Student Colloquium  
Website: [Seminars and Colloquia - 2021-2022 (google.com)](https://www.math.columbia.edu/seminars)  
Meets: 4:15PM-6:15 PM, Online  
Speaker: Jack Hanson  
Title: NA  
Online- Contact Organizer: Mondal, Sayantika smondal@gradcenter.cuny.edu and Jarvis, Samantha sjarvis@gradcenter.cuny.edu.

 Geometry & Topology Student Seminar  
Website: [http://www.math.csi.cuny.edu/abhijit/studentseminar/](http://www.math.csi.cuny.edu/abhijit/studentseminar/)  
Meets: 1:30PM – 2:30PM, Online  
Speaker: Michael Marinelli  
Title: Ideal triangulations of 2-bridge link complements  
Online - Contact Organizer: Abhijit Champanerkar (achampanerkar@gmail.com)

Hyperbolic Geometry Seminar  
Website: [Hyperbolic Geometry Seminar (google.com)](https://events.google.com/hyperbolicgeometry/)  
Meets: 3:00PM - 4:00PM, Online  
Speaker: NA  
Title: NA  
Online - See Seminar Website

CUNY Geometry & Topology Seminar  
Website: [http://comet.lehman.cuny.edu/behrstock/seminar/](http://comet.lehman.cuny.edu/behrstock/seminar/)  
Meets: 4:15PM - 5:15PM, Online  
Speaker: Sahana Balasubramanya, Munster  
Title: Actions of solvable groups on hyperbolic spaces  
Online - See Seminar Website
CUNY Probability Seminar
Website: https://probability.commons.gc.cuny.edu/
Meets 4:30PM – 5:30PM, Online
Speaker: NA
Title: NA
Online - See Seminar Website

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

Einstein Chair Seminar
Website: Einstein Chair Mathematics Seminar (cuny.edu)
Meets: 6:30PM –8:00PM, Online
Speaker: NA
Title: NA
Online - See Seminar Website

WEDNESDAY, September 29

Models of Peano Arithmetic
Website: https://nylogic.github.io/MOPA.html
Meets: 6:30PM- 8:00PM, Online
Speaker: NA
Title: NA
Online - See Seminar Website.

NYC Category Theory Seminar
Website: Category Theory Seminar (cuny.edu)
Meets: 7:00PM - 8:30PM, Online
Speaker: NA
Title: NA
Online - Contact Organizer: N. Yanofsky (noson@sci.brooklyn.cuny.edu)

THURSDAY, September 30

Quasiconformal Maps, Hyperbolic Geometry, and Low-dimensional Topology
Website: https://dragomirsaric.com/graduate-students/ [dragomirsaric.com]
Meets: 10:00AM - 11:00AM, Online
Speaker: Dragomir Saric
Title: Actions of solvable groups on hyperbolic spaces
Online - Contact Organizer: dagomir.saric@QC.cuny.edu
Kolchin Seminar in Differential Algebra
Website: [https://sites.google.com/view/kolchin2021](https://sites.google.com/view/kolchin2021)
Meets: 11:10AM- 12:10PM, Online
Speaker: Ualbay Umirbayev, Wayne State University
Title: NA
Online - See Seminar Website

Mostly Teichmuller Spaces (MTS) Seminar
Website: [MTS SEMINAR – Dragomir Saric](MTS%20SEMINAR%20-%20Dragomir%20Saric)
Meets: 11:00AM - 12:00PM, Online
Speaker: 
Title: NA
Online - Online - See Seminar Website

Polynomial and Matrix Computations Seminar
Meets: 2:00PM - 4:00PM, Online
Speaker: 
Title: NA
Online - Contact Organizer: VICTOR.PAN@lehman.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: Mel Nathanson, Lehman College and the Graduate Center
Title: Egyptian fractions and the Muirhead-Rado inequality
Zoom Info: [https://lehman-cuny-edu.zoom.us/j/87447823245?pwd=L0Y1L1VGRjQxVzJ6Vi9VRVWW5EdE1qZz09](https://lehman-cuny-edu.zoom.us/j/87447823245?pwd=L0Y1L1VGRjQxVzJ6Vi9VRVWW5EdE1qZz09)

Symplectic Geometry Study Group
Website: [Symplectic Geometry Study Group (yfei.page)](Symplectic%20Geometry%20Study%20Group%20(yfei.page))
Meets: 3:00PM – 4:00PM, Online
Speaker: 
Title: NA
Online – Contact Organizer: Fei Ye (feye@qcc.cuny.edu) or David Pham (DNpham@qcc.cuny.edu)

CUNY Geometric Analysis Seminar
Website: [CUNY Geometric Analysis Seminar (lehman.edu)](CUNY%20Geometric%20Analysis%20Seminar%20(lehman.edu))
Meets: 4:00PM – 5:00PM, Online
Speaker: Pierre Albin
Title: NA
Online - Contact Organizer: (nkatz@citytech.cuny.edu)
Research Training Group in Number Theory Seminar
Meets: 5:30PM- 6:30PM, Online
Speaker:
Title: NA
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
Meets: 5:30PM - 6:30PM, Online
Speaker:
Title: NA
Online - See Seminar Website

FRIDAY, October 1

Automorphic Forms and Representations Study Group
Website: [https://sites.google.com/site/gradcenterseminars/current-seminars/automorphic-forms-and-l-functions-student-seminar](https://sites.google.com/site/gradcenterseminars/current-seminars/automorphic-forms-and-l-functions-student-seminar)
Meets: 9:30AM – 11:00AM, Online
Speaker:
Title: NA
Online - See Seminar Website

CUNY Representation Theory Seminar
Website: [https://sites.google.com/site/cunyrt/](https://sites.google.com/site/cunyrt/)
Meets: 10:00AM – 11:00AM, Online
Speaker: Cristina Anghel, Oxford
Title: NA
Contact Organizer: Joshua Sussan ([jsusan@mec.cuny.edu](mailto:jsusan@mec.cuny.edu))
Seminar in Logic, Games and Philosophy
Website: https://philog.arthurpaulpedersen.org/
Meets: 10:00AM - 11:00AM, Online
Speaker:
Title: NA
Online - See Seminar Website

Working Seminar on Nonlinear PDE
Meets: 11:00AM - 12:00PM, Online
Speaker:
Title: NA
Online - Contact Organizer: Marcello.Lucia@csi.cuny.edu

Data Science and Applied Topology
Website: http://cunygc.appliedtopology.nyc/
Meets: 11:45AM - 12:45PM, Online
Speaker:
Title: NA
Online - See Seminar Website.

Almost Complex Geometry
Website: http://qcpages.qc.cuny.edu/~swilson/ACGsem.html
Meets: 12:00M – 1:30PM, Online
Speaker:
Title: NA
Online - See Seminar Website
New York Combinatorics Seminar
Website: Seminar (nycombinatorics.org)
Meets: 12:00PM – 1:00PM, Online
Speaker: Vaidyanathan Sivaraman, Mississippi State University
Title: Polynomial chi-boundedness
Contact Organizer: Sandra Kingan (skingan@brooklyn.cuny.edu)

Harmonic Analysis and PDE’s Seminar
Website: http://math.hunter.cuny.edu/vmartine/seminar_HA-PDE_2021-fall.html
Meets: 1:00PM – 2:15PM, Online
Speaker: Anuj Kumar, IU Bloomington, Department of Mathematics
Title: NA
Online - See Seminar Website.

BEAG seminar (Beginners Explorations in Algebraic Geometry)
Website: Digication ePortfolio :: BEAG :: SPRING 2021
Meets: 2:00PM – 3:00PM, Online
Speaker:
Title: NA
Online - See Seminar Website.

Complex Analysis and Dynamics Seminar
Website: 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: Logic Workshop | NYlogic
Meets: 2:00PM - 3:30PM, Online
Speaker:
Title: NA
Online - See Seminar Website.

Set Theory Seminar
Website: https://nylogic.github.io/set-theory-seminar.html
Meets: 2:00PM- 3:00PM, Online
Speaker:
Title: NA
Online - See Seminar Website
Commutative Algebra & Algebraic Geometry Seminar
Website: [http://websupport1.citytech.cuny.edu/Faculty/hschoutens/CAAG.html](http://websupport1.citytech.cuny.edu/Faculty/hschoutens/CAAG.html)
Meets: 4:00PM – 5:00PM, Online
Speaker: NA
Title: NA
Online- Contact Organizer: Hans Schoutens ([hschoutens@citytech.cuny.edu](mailto:hschoutens@citytech.cuny.edu))

NY Group Theory Seminar
Website: [NY Group Theory Cooperative - Fall 2021 (google.com)](https://nygrouptheory.cuny.edu/fall2021)
Meets: 4:00PM- 5:00PM, Online
Speaker: Benjamin Steinberg, City College of CUNY
Title: NA
Online - See Seminar Website