

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

----- Fall 2024 | Monday, December 9, 2024-----

Seminars are listed below in chronological order and usually show information for the current week and the following week's seminars based on the information provided by the seminar organizer. Special events are listed at the end of the second week.

Seminars run when classes are in session.

Always check the seminar's website (if provided) or contact the seminar organizer 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.

Please note that this week will be the last week for the seminar bulletin until classes start for Spring 2025 in January 2025.

MONDAY, December 9

Algebraic Geometry and Commutative Algebra Student Learning Seminar

Website: <https://sites.google.com/view/cunyagcastudentseminar/home>

Meets: 12:30PM - 1:45PM, Room 4214.03

Speaker: Kioshi Morosin

Title: Gorenstein and non-Gorenstein Singularities

Graduate Forum in Probability Seminar

Website: <https://probability.commonsgc.cuny.edu/graduate-forum-in-probability/>

Meets: 2:00PM –4:00PM, Room 9116

Speaker:

Title: NA

Math Education and Communication Seminar

Website: N/A

Meets: 3:00PM-4:00PM, Room 4214.03

Speaker: Emma R. Hasson

Title: Exploring Alternative Classroom Models Take 2

Student Research Seminar- Graduate Student Colloquium

Website: <https://sites.google.com/site/gradcenterseminars/current-seminars/graduate-student-colloquium/2024-2025>

Meets: 4:15PM-6:15PM, Room 5417

Speaker: Rohit Parikh

Title: Beth Definability, Interpolation and Language Splitting

TUESDAY, December 10

Einstein Chair Seminar

Website: [Einstein Chair Mathematics Seminar | CUNY Graduate Center](#)

Meets: 1:30PM – 2:30PM, Room 6417

Speaker: Josh Wang

Title: Free Loop Spaces and Link Homology

Geometry and Topology Student Seminar

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

Meets: 1:30PM – 2:30PM, Room 4214.03

Speaker:

Title: NA

Not meeting this week.

Hyperbolic Geometry Seminar

Website: [Hyperbolic Geometry Seminar \(google.com\)](#)

Meets: 2:45PM- 3:45PM, Room 6495

Speaker:

Title: NA

GC Arithmetic Geometry Seminar

Website: <https://sites.google.com/view/gc-arithmetic-geometry/home>

Meets: 3:00PM – 4:00PM, Hyflex (In Person & Online simultaneously) Room 9116

Speaker:

Title: NA

Not meeting this week.

Contact organizer: Krzysztof.Klosin@qc.cuny.edu for meeting id

CUNY Geometry and Topology Seminar

Website: [CUNY Geometry and Topology Seminar](#)

Meets: 4:15PM – 5:30PM, Room 6417

Speaker1 (2:45-4:15PM, Room 6495): Tejas Kalelkar (IISER Pune)

Title1: Connecting Essential Triangulations

Speaker2 (4:15-5:30PM): Koichi Oyakawa (Vanderbilt)

Title2: Geometry and Dynamics of The Extension Graph of Graph Product of Groups

WEDNESDAY, December 11

The New York City Category Theory Seminar

Website: [Category Theory Seminar \(cuny.edu\)](http://categorytheoryseminar.cuny.edu)

Meets: 7:00PM-8:30PM, Room 6417

Speaker: Matthew Cushman, CUNY

Title: Recollections: Gluing and Fracture for Categories

Contact N Yanofsky noson@sci.brooklyn.cuny.edu for zoom link

THURSDAY, December 12

CUNY Number Theory Student Seminar

Website: <https://sites.google.com/view/cunyntss>

Meets: 12:15PM - 1:15PM, 4214.03

Speaker: Jeffrey Kornhauser

Title: NA

Contact organizer: Ajmain Yamin ayamin@gradcenter.cuny.edu for meeting id

Geometric Group Theory Reading Group Seminar

Website: [CUNY GGT Reading Group \(google.com\)](#)

Meets: 2:00PM - 4:00PM, Room 9116

Speaker:

Title: NA

Surface Dynamics Student Seminar

Website: <https://sites.google.com/site/enriquepujalsgc/home/sds>

Meets: 2:00PM - 4:00PM, Room 6417

Speaker:

Title: NA

New York Number Theory Seminar

Website: <https://www.theoryofnumbers.com/NewYorkNumberTheorySeminar/aNYNTS-2024-Fall.pdf>

Meets: 2:30PM – 4:00PM, Online Only

Speaker: Grazyna Horbaczewska and Sebastian Lindner, University of Lodz, Poland

Title: On Permutations Preserving Density

Learning Seminar in Fundamentals of Data Analysis

Website: <https://sites.google.com/view/cunyfda/home>

Meets: 4:15PM-5:15PM, Hyflex (In Person & Online simultaneously), Room 4214.03

Speaker: Wenjian Liu (Queensborough Community College, CUNY)

Title: Moments and Concentration Inequalities: Applications in Data Science

CUNY Geometric Analysis Seminar

Website: [CUNY Geometric Analysis Seminar](#)

Meets: 4:15PM-6:15PM, Hyflex (In Person & Online simultaneously) Room 6417

Speaker:

Title: NA

Not meeting this week.

New York Joint Columbia-CUNY-NYU Number Theory Seminar

Website: [Joint-NTS.html \(columbia.edu\)](#)

Tea: 5:00PM-5:30PM, Room 4102

Meets: 5:30PM-6:30PM, Room 4102

Speaker: Hao Xing, Graduate Center, CUNY

Title: Equidistribution of Definable Curves in a Polynomially Bounded Structure in Homogeneous Spaces

Nonlinear Analysis and PDEs seminar

Website: [Marcello LUCIA - Nonlinear Analysis Seminar \(cuny.edu\)](#)

Meets: 6:30PM-8:00PM, Hyflex (In Person & Online simultaneously) Room 6417

Speaker:

Title: NA

FRIDAY, December 13

Learning Seminar in Analysis & PDEs

Website: [CUNY HA/PDE - Learning Seminar](#)

Meets: 10:00AM – 11:00AM, Room 9116

Speaker:

Title: NA

Topological K-Theory Study Group

Website: <https://yfei.page/seminars/k-theory/>

Meets: 10:30AM- 11:30AM, Room 4214.03

Speaker: David Pham (QCC)

Title: Reductive Homogeneous Manifolds and G-invariant Connections

Learning Seminar on Ergodic Theory and Dynamical Systems and Related Topics

Website: <https://tamara.ccnycunyu.edu/seminar.html>

Meets: 11:00AM- 12:00PM, Room 5417

Speaker:

Title: NA

Set Theory Seminar

Website: <https://nylogic.github.io/set-theory-seminar.html>

Meets: 11:00AM – 12:30PM, Hyflex (In Person & Online simultaneously), Room 3207

Speaker:

Title: NA

Email Victoria Gitman(vgitman@gmail.com) for meeting id.

Differential Geometry, Topology, and Special Structures

Website: [Differential Geometry, Topology, and Special Structures Seminar](#)

Meets: 11:45AM – 1:45PM, Room 4419

Speaker:

Title: Informal Meeting: Students and Faculty Welcome

Polynomial And Matrix Computations

Website: <https://sites.google.com/view/polynomials-matrices-comp/home>

Meets: 11:50AM – 1:20PM, Room 5382

Speaker:

Title: NA

New York Combinatorics Seminar

Website: [Seminar \(nycombinatorics.org\)](https://nycombinatorics.org)

Meets: 12:00PM – 1:00PM, Online

Speaker:

Title: NA

Complex Analysis and Dynamics Seminar

Website: [Complex Analysis and Dynamics Seminar at CUNY's GC](#)

Meets: 1:45PM - 2:45PM, Room 5417

Speaker:

Title: NA

Not meeting this week.

FRIDAY, December 13 (continued)

CUNY Logic Workshop

Website: <https://nylogic.github.io/logic-workshop.html>

Meets: 2:00PM - 3:45PM, Room 4419

Speaker:

Title: NA

Harmonic Analysis and PDE seminar

Website: <https://sites.google.com/view/cuny-hapde/home>

Meets: 2:00PM – 4:00PM, Room 9116

Speaker: Zhiyuan Zhang (Northeastern University)

Title: NA

Ergodic Theory and Dynamical Systems

Website: <https://tamara.ccny.cuny.edu/seminar.html>

Meets: 3:00PM – 4:00PM, Room 5417

Speaker:

Title: NA

Commutative Algebra and Algebraic Geometry Seminar

Website: <https://openlab.citytech.cuny.edu/caag/>

Meets: 4:00PM - 5:00PM, Room 4214.03

Speaker:

Title: NA

NY Group Theory Seminar

Website: <https://sites.google.com/site/nygrouptheory/fall-2024>

Meets: 4:15PM- 6:15PM, Room 5417

Speaker:

Title: NA

BEAG Seminar (Beginners Explorations in Algebraic Geometry)

Website: https://lagcc-cuny.digication.com/beag/FALL_2024

Meets: 5:50 PM- 6:30PM, Online only

Speaker:

Title: NA

Online only Contact: Hans Schoutens HSchoutens@CityTech.Cuny.Edu or Malgorzata Marciniak
<mmarciniak@lagcc.cuny.edu>

Upcoming Special Events