

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

----- SPRING 2024 | Monday, May 13, 2024-----

**This is the final seminar bulletin for the Spring 2024 semester. We will resume our regular seminar bulletin this Fall 2024.**

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.

*Seminars are now listed as "Hyflex" or "In Person" based on the information provided by the Seminar Organizer. Many seminars plan to be "In Person" during the Spring 2024 semester so always make sure you know where the seminar is held. We will list seminars that are "In Person" or have an in person component -- totally remote seminars may not be listed on the bulletin but listed on the math webpage under seminars [Seminars | CUNY Graduate Center](#).*

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.

*Unless otherwise noted, you must go to the seminar website for connecting information.*

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](mailto:mathseminars@gc.cuny.edu).

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**MONDAY, May 13**

**Student Logic Seminar**

Website: [Schedule \(google.com\)](#)

Meets: 3:00PM –4:00PM, Room 3307

Speaker: Ben Goodman

Title: Set-Theoretic Geology

**Student Research Seminar- Graduate Student Colloquium**

Website: <https://sites.google.com/site/gradcenterseminars/current-seminars/graduate-student-colloquium/2023-2024>

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

Speaker:

Title: NA

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## **TUESDAY, May 14**

### **MOPA (Models of Peano Arithmetic)**

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

Meets: 1:00PM – 2:00PM, Online

Speaker:

Title: NA

Contact organizer: Victoria Gitman ([vgitman@gmail.com](mailto:vgitman@gmail.com)) for meeting id

### **Geometry and Topology Student Seminar**

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

Meets: 1:30PM – 2:30PM, Room 4214.03

Speaker: NA

Title: Double header in CUNY Geometry and Topology Seminar

### **Einstein Chair Seminar**

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

Meets: 1:30PM – 2:45PM, Room 6417

Speaker

Title: NA

### **Hyperbolic Geometry Seminar**

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

Meets: 2:45PM– 3:45PM, Room 5382

Speaker: Hrant Hakobyan, Kansas State U.

Title: Quasisymmetric Koebe Uniformization

### **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 4433

Speaker: David Schwein, University of Bonn

Title: Tame supercuspidals at bad primes

Contact organizer: [Krzysztof.Klosin@qc.cuny.edu](mailto:Krzysztof.Klosin@qc.cuny.edu) for meeting id

### **CUNY Geometry and Topology Seminar**

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

Meets: 1:30PM – 2:30PM, Room 4214.03 (talk one, special time and room)

Speaker: Michael Marinelli, CUNY

Title: Twisted Alexander Polynomials and Ptolemy Varieties of twist knots and surface bundles

### **CUNY Geometry and Topology Seminar**

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

Meets: 4:15PM – 5:15PM, Room 6417 (talk two)

Speaker: Carolyn Abbott, Brandeis

Title: Morse boundaries of  $CAT(0)$  cubical groups

**CUNY Probability Seminar**

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

Meets: 3:30PM – 4:30PM, Room 9116

Speaker:

Title: NA

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**WEDNESDAY, May 15****Automorphic Forms and Representations study group**

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

Meets: 9:00AM- 11:30AM, Hyflex (In Person & Online simultaneously), Room 4214.03

Speaker:

Title: NA

Online - See Seminar Website

**The New York City Category Theory Seminar**

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

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

Speaker: Raymond Puzio.

Title: Uniqueness of Classical Retrodiction.

**Class Field Theory Student Learning Seminar**

Website: [Class Field Theory \(google.com\)](https://classfieldtheory.google.com)

Meets: 11:45AM- 1:45PM, Room 4214.03

Speaker: NA

Title: The local and global terminology, and some global class field theory

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## **THURSDAY, May 16**

### **Geometric Group Theory Reading Group Seminar**

Website: [CUNY GGT Reading Group \(google.com\)](https://www.google.com)

Meets: 2:00PM - 4:00PM, Room 3306

Speaker:

Title: NA

### **Study Seminar of Ideas in Dynamics**

Meets: 2:00PM - 4:00PM, Room 4214.03

Speaker:

Title: NA

### **New York Number Theory Seminar**

Website: [aaNYNTS-2024-Spring.pdf \(theoryofnumbers.com\)](https://theoryofnumbers.com)

Meets: 3:00PM - 4:30PM, Room 3307

Speaker: Florian Luca, University of Witwatersrand, South Africa

Title: On transcendence of Sturmian and Arnoux-Rauzy words

Contact organizer: Melvyn Nathanson ([melvyn.nathanson@lehman.cuny.edu](mailto:melvyn.nathanson@lehman.cuny.edu)) for meeting id

### **CUNY Geometric Analysis Seminar**

Website: [CUNY Geometric Analysis Seminar \(lehman.edu\)](https://lehman.edu)

Meets: 4:15PM-5:15PM, Room 6417

Speaker:

Title: NA

### **Nonlinear Analysis and PDEs seminar**

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

Meets: 5:15PM-7:00PM, Room 6417

Speaker:

Title: NA

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

Website: [ScheduleJointNTS35.html \(columbia.edu\)](https://columbia.edu)

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

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

Speaker:

Title: NA

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## **FRIDAY, May 17**

### **Computability Seminar**

Meets: 10:30AM – 11:30AM, Room 3305

Speaker: NA

Title: FINAL EXAMS WEEK- We will not meet today.

**Kolchin Seminar in Differential Algebra**

Website: <https://sites.google.com/view/kolchin2021>

Meets: 10:15AM-11:15AM, Hyflex (In Person & Online simultaneously), Room 5382

Speaker:

Title: NA

Online - See Seminar Website

**Learning Seminar on Ergodic Theory and Dynamical Systems and Related Topics**

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

Meets: 10:30AM- 11:30AM, Room 6417

Speaker:

Title: NA

**Differential Geometry, Topology, and Special Structures**

Website: [Differential Geometry, Topology, and special structures Seminar \(cuny.edu\)](https://tamara.ccny.cuny.edu/seminar.html)

Meets: 11:45AM – 1:45PM, Room 5417

Speaker:

Title: NA

**New York Combinatorics Seminar**

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

Meets: 11:45AM – 1:00PM, Online

Speaker:

Title: NA

Online - See Seminar Website

**Exploring Frontiers of Analysis & PDEs: A Grad Student Learning Seminar**

Website: [CUNY HA/PDE - Learning Seminar \(google.com\)](https://tamara.ccny.cuny.edu/seminar.html)

Meets: 11:45AM – 1:00PM, Hyflex (In Person & Online simultaneously), Room 3307

Speaker:

Title: NA

Online - See Seminar Website

**Data Science & Applied Topology**

Website: [Data Science and Applied Topology Seminar - Current Schedule](https://tamara.ccny.cuny.edu/seminar.html)

Meets: 12:00PM- 1:00PM, Hyflex (In Person & Online simultaneously), Room 4421

Speaker:

Title: NA

Online - See Seminar Website

**Ergodic Theory and Dynamical Systems**

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

Meets: 12:30PM – 1:30PM, Room 6417

Speaker:

Title: NA

**Model Theory Seminar**

Website: [Model Theory Seminar | NYlogic](#)

Meets: 12:30PM – 2:00PM, Room 6495

Speaker:

Title: NA

**Set Theory Seminar**

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

Meets: 12:30PM – 1:30PM, Online

Speaker:

Title: NA

Online - See Seminar Website

**Harmonic Analysis and PDE seminar**

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

Meets: 2:00PM – 3:00PM, Hyflex (In Person & Online simultaneously), Room 4433

Speaker: Institution

Title: NA

Online - See Seminar Website

**Complex Analysis and Dynamics Seminar**

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

Meets: 2:00PM - 3:30PM, Room 6417

Speaker:

Title: NA

**CUNY Logic Workshop**

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

Meets: 2:00PM - 3:30PM, Room 5417

Speaker:

Title: NA

**NY Group Theory Seminar**

Website: [NY Group Theory Cooperative - Spring 2024 \(google.com\)](#)

Meets: 4:15PM- 5:15PM, Hyflex (In Person & Online simultaneously), Room 6417

Speaker:

Title: NA

Online - See Seminar Website

**Commutative Algebra and Algebraic Geometry Seminar**

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

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

Speaker:

Title: NA

Online - See Seminar Website

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**MONDAY, May 20**

**Student Logic Seminar**

Website: [Schedule \(google.com\)](#)

Meets: 3:00PM –4:00PM, Room 3307

Speaker:

Title: NA

**Student Research Seminar- Graduate Student Colloquium**

Website: <https://sites.google.com/site/gradcenterseminars/current-seminars/graduate-student-colloquium/2023-2024>

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

Speaker:

Title: NA

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## **TUESDAY, May 21**

### **MOPA (Models of Peano Arithmetic)**

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

Meets: 1:00PM – 2:00PM, Online

Speaker:

Title: NA

Contact organizer: Victoria Gitman ([vgitman@gmail.com](mailto:vgitman@gmail.com)) for meeting id

### **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

### **Einstein Chair Seminar**

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

Meets: 1:30PM – 2:45PM, Room 6417

Speaker

Title: NA

### **Hyperbolic Geometry Seminar**

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

Meets: 2:45PM– 3:45PM, Room 5382

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 4433

Speaker:

Title: NA

Contact organizer: [Krzysztof.Klosin@qc.cuny.edu](mailto:Krzysztof.Klosin@qc.cuny.edu) for meeting id

### **CUNY Geometry and Topology Seminar**

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

Meets: 4:15PM – 5:15PM, Room 6417

Speaker:

Title: NA

### **CUNY Probability Seminar**

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

Meets: 3:30PM – 4:30PM, Room 9116

Speaker:

Title: NA

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**WEDNESDAY, May 22**

**Automorphic Forms and Representations study group**

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

Meets: 9:00AM- 11:30AM, Hyflex (In Person & Online simultaneously), Room 4214.03

Speaker:

Title: NA

Online - See Seminar Website

**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: Emilio Minichiello, The CUNY Graduate Center.

Title: Presenting Profunctors.

Online - See Seminar Website

**Class Field Theory Student Learning Seminar**

Website: [Class Field Theory \(google.com\)](http://classfieldtheory.google.com)

Meets: 11:45AM- 1:45PM, Room 4214.03

Speaker: NA

Title: NA

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**THURSDAY, May 23**

**Geometric Group Theory Reading Group Seminar**

Website: [CUNY GGT Reading Group \(google.com\)](https://www.google.com)

Meets: 2:00PM - 4:00PM, Room 3306

Speaker:

Title: NA

**Study Seminar of Ideas in Dynamics**

Meets: 2:00PM - 4:00PM, Room 4214.03

Speaker:

Title: NA

**New York Number Theory Seminar**

Website: [aaNYNTS-2024-Spring.pdf \(theoryofnumbers.com\)](https://theoryofnumbers.com)

Meets: 3:00PM - 4:30PM, Room 3307

Speaker:

Title: NA

Contact organizer: Melvyn Nathanson ([melvyn.nathanson@lehman.cuny.edu](mailto:melvyn.nathanson@lehman.cuny.edu)) for meeting id

**CUNY Geometric Analysis Seminar**

Website: [CUNY Geometric Analysis Seminar \(lehman.edu\)](https://lehman.edu)

Meets: 4:15PM-5:15PM, Room 6417

Speaker:

Title: NA

**Nonlinear Analysis and PDEs seminar**

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

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Website: [ScheduleJointNTS35.html \(columbia.edu\)](https://columbia.edu)

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

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

Speaker:

Title: NA

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## **FRIDAY, May 24**

### **Computability Seminar**

Meets: 10:30AM – 11:30AM, Room 3305

Speaker: NA

Title: NA

### **Kolchin Seminar in Differential Algebra**

Website: <https://sites.google.com/view/kolchin2021>

Meets: 10:15AM-11:15AM, Hyflex (In Person & Online simultaneously), Room 5382

Speaker:

Title: NA

Online - See Seminar Website

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Title: NA

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Meets: 11:45AM – 1:45PM, Room 5417

Speaker:

Title: NA

### **New York Combinatorics Seminar**

Website: [Seminar \(nycombinatorics.org\)](#)

Meets: 11:45AM – 1:00PM, Online

Speaker:

Title: NA

Online - See Seminar Website

### **Exploring Frontiers of Analysis & PDEs: A Grad Student Learning Seminar**

Website: [CUNY HA/PDE - Learning Seminar \(google.com\)](#)

Meets: 11:45AM – 1:00PM, Hyflex (In Person & Online simultaneously), Room 3307

Speaker:

Title: NA

Online - See Seminar Website

### **Data Science & Applied Topology**

Website: [Data Science and Applied Topology Seminar - Current Schedule](#)

Meets: 12:00PM- 1:00PM, Hyflex (In Person & Online simultaneously), Room 4421

Speaker:

Title: NA

Online - See Seminar Website

**Ergodic Theory and Dynamical Systems**

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

Meets: 12:30PM – 1:30PM, Room 6417

Speaker:

Title: NA

**Model Theory Seminar**

Website: [Model Theory Seminar | NYlogic](#)

Meets: 12:30PM – 2:00PM, Room 6495

Speaker:

Title: NA

**Set Theory Seminar**

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

Meets: 12:30PM – 1:30PM, Online

Speaker:

Title: NA

Online - See Seminar Website

**Harmonic Analysis and PDE seminar**

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

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Speaker: Institution

Title: NA

Online - See Seminar Website

**Complex Analysis and Dynamics Seminar**

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Meets: 2:00PM - 3:30PM, Room 6417

Speaker:

Title: NA

**CUNY Logic Workshop**

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

Meets: 2:00PM - 3:30PM, Room 5417

Speaker:

Title: NA

**NY Group Theory Seminar**

Website: [NY Group Theory Cooperative - Spring 2024 \(google.com\)](#)

Meets: 4:15PM- 5:15PM, Hyflex (In Person & Online simultaneously), Room 6417

Speaker:

Title: NA

Online - See Seminar Website

### **Commutative Algebra and Algebraic Geometry Seminar**

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

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

Speaker:

Title: NA

Online - See Seminar Website

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### **Upcoming Event**

#### **CANT 2024- The Twenty-Second Annual Workshop on Combinatorial and Additive Number Theory**

Date: Wednesday, May 22, to Friday, May 24, 2024

Website: <https://www.theoryofnumbers.com/cant/>

Location: Hyflex (In Person & Online simultaneously), Graduate Center, Wednesday, Room 9207 &

Thursday and Friday, Room 4102, Science Center

For more details please email: Melvyn Nathanson; [MELVYN.NATHANSON@lehman.cuny.edu](mailto:MELVYN.NATHANSON@lehman.cuny.edu)

#### **(NYGTW 2024) New York Graph Theory Workshop**

Dates: May 28-31, 2024, 9:00am- 5:00pm

Website: <https://sites.google.com/view/nygtw-2024/>

Location: Science Center Room 4102

The New York Graph Theory Workshop is an informal and friendly research workshop. Faculty and students interested in graph theory are invited to participate.

Please register on the website link.