

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

----- **Spring 2021 | Monday, May 3, 2021**-----

All seminars are remote for Spring 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, May 3

Student Research Seminar- Graduate Student Colloquium

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

Meets: 4:30PM-6:30 PM (Different time), Online

Speaker: Luis Fernandez

Title: Non complex, almost complex manifolds that are close to being complex.

Online- Contact Organizer: Samantha Jarvis (sjarvis@gradcenter.cuny.edu) or Yassin Chandran (ychandran@gradcenter.cuny.edu)

TUESDAY, May 4

Geometry & Topology Student Seminar

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

Meets: 1:30PM – 3:00PM, Online

Speaker:

Title: NA

No Seminar

Online - Contact Organizer: Abhijit Champanerkar (achampanerkar@gmail.com)

Models of Peano Arithmetic

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

Meets: 2:00PM- 3:00PM (Different Time), Online

Speaker:

Title: NA

Online - See Seminar Website.

Hyperbolic Geometry Seminar

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

Meets: 3:00PM - 4:00PM, Online

Speaker: Robert Suzzi Valli, Manhattan College

Title: Combinatorial Growth in the Modular Group

Online - See Seminar Website

CUNY Probability Seminar

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

Meets 3:30PM – 4:30PM, Online.

Speaker: Alice Contat, Universit´e Paris-Saclay

Title: Parking on Cayley trees & Frozen Erdős-Rényi

Online - See Seminar Website

CUNY Geometry & Topology Seminar

Website: <http://comet.lehman.cuny.edu/behrstock/seminar/>

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

Speaker: Siddhi Krishna, Georgia Tech

Title: Taut foliations, Dehn surgery, and Braid Positivity

Online - See Seminar Website

Einstein Chair Seminar

Website: [Einstein Chair Mathematics Seminar \(cuny.edu\)](http://www.einsteinchairmathseminar.cuny.edu)

Meets: 5:30PM – 7:00PM, Online

Speaker: V. Martinez, Hunter College

Title: KDV, uniqueness of invariant measures and beyond

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:

Title: NA

Online - Contact Organizer: Jason Block (jblock@gradcenter.cuny.edu)

WEDNESDAY, May 5

NYC Category Theory Seminar

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

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

Speaker: Juan Orendain, University of Mexico, UNAM

Title: How long does it take to frame a bicategory?

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

THURSDAY, May 6

New York Number Theory Seminar

Website: <http://www.math.rutgers.edu/~bumby/nyntsem/>

Meets: 3:00PM - 4:30PM, Online

Speaker: Tudor-Dimitrie Popescu, Carnegie Mellon University

Title: An upper bound on the size of Sidon sets

Zoom Info: <https://us02web.zoom.us/j/85232397443> [us02web.zoom.us]

CUNY Geometric Analysis Seminar

Website: [CUNY Geometric Analysis Seminar \(lehman.edu\)](https://lehman.edu/~math/cuny-geometric-analysis-seminar/)

Meets: 3:00PM – 4:00PM, Online

Speaker: Tam Nguyen-Phan

Title: Flat cycles in the homology of congruence covers of $SL(n, \mathbb{Z}) \backslash SL(n, \mathbb{R}) / SO(n)$

Online - Contact Organizer: (nkatz@citytech.cuny.edu)

Graduate Forum in Probability

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

Meets: 4:00PM – 5:00PM, Online

Speaker:

Title: NA

Online - See Seminar Website

NY Group Theory Seminar

Website: <https://sites.google.com/site/nygrouptheory/new-york-group-theory-seminar/spring-2021>

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

Speaker: Benjamin Fine, Fairfield University

Title: Elementary and universal theories of group rings

Online - See Seminar Website

Nonlinear Analysis and PDEs Seminar

Website: <https://www.math.csi.cuny.edu/~mlucia/GCactivities.html>

Meets: 4:30PM - 6:00PM, Online

Speaker:

Title: NA

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

Research Training Group in Number Theory Seminar

Website: ScheduleJointNTS35.html (columbia.edu)

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

Website: ScheduleJointNTS35.html (columbia.edu)

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

Speaker:

Title: NA

Online - See Seminar Website

Philog Seminar

Website: <https://philog.arthurpaulpedersen.org>

Meets: 6:30PM - 7:30PM, Online

Speaker: Ada Coronado

Title: Nietzsche on, Logic, Philosophy, and Moral Values

Online - See Seminar Website

FRIDAY, May 7

CUNY Representation Theory Seminar

Website: <https://sites.google.com/site/cunyrtr/>

Meets: 10:00AM – 11:00AM, Online

Speaker:

Title: NA

Contact Organizer: Joshua Sussan (jsussan@mec.cuny.edu)

Student Reading Seminar in Quasiconformal Maps, Hyperbolic Geometry and Riemann Surfaces

Meets: 10:00AM – 11:00AM, Online

Speaker:

Title: NA

Contact Organizer: Dragomir Saric (Dragomir.Saric@qc.cuny.edu)

Extremal Length Seminar

Website: <http://userhome.brooklyn.cuny.edu/gardiner/notes.html>

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

Speaker:

Title: NA

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

Kolchin Seminar in Differential Algebra

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

Meets: 10:45AM- 11:45AM, Online

Speaker: Roberto La Scala, Università di Bari

Title: Ciphers and difference equations

Online - See Seminar Website

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: <http://userhome.brooklyn.cuny.edu/skingan/CombinatoricsSeminar/index.html>

Meets: 12:00PM – 1:00PM, Online

Speaker: Diego Villamizar, Tulane University

Title: A refinement of Dyck paths

Contact Organizer: Sandra Kingan (skingan@brooklyn.cuny.edu)

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.

Harmonic Analysis and PDE's Seminar

Website: <https://sites.google.com/site/mathphysseminar/>

Meets: 2:00PM – 3:00PM, Online

Speaker: Andrea Giorgini, Indiana University

Title: NA

Online - See Seminar Website.

Set Theory Seminar

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

Meets: 2:00PM- 3:00PM (Different Time), Online

Speaker: Benjamin Goodman, CUNY

Title: Woodin's Extender Algebra

Online - See Seminar Website

Commutative Algebra & Algebraic Geometry Seminar

Website: <http://websupport1.citytech.cuny.edu/Faculty/hschoutens/CAAG.html>

Meets: 4:00PM – 5:00PM, Online

Speaker:

Title: NA

Online- Contact Organizer: Hans Schoutens (hschoutens@citytech.cuny.edu)

MONDAY, May 10

Student Research Seminar- Graduate Student Colloquium

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

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

Speaker: Yunping Jiang

Title: NA

Online- Contact Organizer: Samantha Jarvis (sjarvis@gradcenter.cuny.edu) or Yassin Chandran (ychandran@gradcenter.cuny.edu)

TUESDAY, May 11

Geometry & Topology Student Seminar

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

Meets: 1:30PM – 3:00PM, Online

Speaker: Joe Boninger

Title: Alternating links and definite surfaces

Online - Contact Organizer: Abhijit Champanerkar (achampanerkar@gmail.com)

Models of Peano Arithmetic

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

Meets: 2:00PM- 3:00PM (Different Time), Online

Speaker:

Title: NA

Online - See Seminar Website.

Hyperbolic Geometry Seminar

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

Meets: 3:00PM - 4:00PM, Online

Speaker: Alan Reid, Rice University

Title: NA

Online - See Seminar Website

CUNY Geometry & Topology Seminar

Website: <http://comet.lehman.cuny.edu/behstock/seminar/>

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

Speaker: Anh Tran, UT Dallas

Title: Classical pretzel knots and left orderability

Online - See Seminar Website

CUNY Probability Seminar

Website: <https://probability.commonsgc.cuny.edu/>

Meets 4:30PM – 5:30PM, Online

Speaker: Malin Palö Forsström, KTH Royal Institute of Technology

Title: NA

Online - See Seminar Website

Einstein Chair Seminar

Website: [Einstein Chair Mathematics Seminar \(cuny.edu\)](http://EinsteinChairMathematicsSeminar.cuny.edu)

Meets: 5:30PM – 7:00PM, Online

Speaker: Theo Drivas, Stony Brook

Title: Asymptotic pictures of and for 2D incompressible fluid motion without friction

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:

Title: NA

Online - Contact Organizer: Jason Block (jblock@gradcenter.cuny.edu)

WEDNESDAY, May 12**NYC Category Theory Seminar**

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

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

Speaker:

Title: NA

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

THURSDAY, May 13

New York Number Theory Seminar

Website: <http://www.math.rutgers.edu/~bumby/nyntsem/>

Meets: 3:00PM - 4:30PM, Online

Speaker:

Title: NA

Zoom Info: <https://us02web.zoom.us/j/85232397443> [us02web.zoom.us]

CUNY Geometric Analysis Seminar

Website: [CUNY Geometric Analysis Seminar \(lehman.edu\)](https://lehman.edu/~math/cuny-geometric-analysis-seminar/)

Meets: 4:00PM – 5:00PM, Online

Speaker: Max Hallgren

Title: NA

Online - Contact Organizer: (nkatz@citytech.cuny.edu)

Graduate Forum in Probability

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

Meets: 4:00PM – 5:00PM, Online

Speaker:

Title: NA

Online - See Seminar Website

NY Group Theory Seminar

Website: <https://sites.google.com/site/nygrouptheory/new-york-group-theory-seminar/spring-2021>

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

Speaker:

Title: NA

Online - See Seminar Website

Nonlinear Analysis and PDEs Seminar

Website: <https://www.math.csi.cuny.edu/~mlucia/GCactivities.html>

Meets: 4:30PM - 6:00PM, Online

Speaker:

Title: NA

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

Research Training Group in Number Theory Seminar

Website: ScheduleJointNTS35.html (columbia.edu)

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

Website: ScheduleJointNTS35.html (columbia.edu)

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

Speaker:

Title: NA

Online - See Seminar Website

FRIDAY, May 14

CUNY Representation Theory Seminar

Website: <https://sites.google.com/site/cunyrt/>

Meets: 10:00AM – 11:00AM, Online

Speaker: Shaun Ault and Charles Kicey, Valdosta, GA

Title: NA

Contact Organizer: Joshua Sussan (jsussan@mec.cuny.edu)

Student Reading Seminar in Quasiconformal Maps, Hyperbolic Geometry and Riemann Surfaces

Meets: 10:00AM – 11:00AM, Online

Speaker:

Title: NA

Contact Organizer: Dragomir Saric (Dragomir.Saric@qc.cuny.edu)

Extremal Length Seminar

Website: <http://userhome.brooklyn.cuny.edu/gardiner/notes.html>

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

Speaker:

Title: NA

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

Kolchin Seminar in Differential Algebra

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

Meets: 10:45AM- 11:45AM, Online

Speaker: Daniel Hoffmann, University of Warsaw

Title: NA

Online - See Seminar Website

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: <http://userhome.brooklyn.cuny.edu/skingan/CombinatoricsSeminar/index.html>

Meets: 12:00PM – 1:00PM, Online

Speaker: Pamela Harris, Williams College

Title: Kostant's partition function and magic multiplex juggling sequences

Contact Organizer: Sandra Kingan (skingan@brooklyn.cuny.edu)

BEAG seminar (Beginners Explorations in Algebraic Geometry)

Website: [Digication ePortfolio :: BEAG :: SPRING 2021](https://digication.eportfolio.com/BEAG/SPRING2021)

Meets: 2:00PM – 3:00PM, Online

Speaker: Shenglan Yuan

Title: Presenting her ideas related to the mapping of the space into the hyperbolic space

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.

Harmonic Analysis and PDE's Seminar

Website: <https://sites.google.com/site/mathphysseminar/>

Meets: 2:00PM – 3:00PM, Online

Speaker: Emily King, Colorado State University

Title: NA

Online - See Seminar Website.

Set Theory Seminar

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

Meets: 2:00PM- 3:00PM (Different Time), Online

Speaker: Corey Switzer, University of Vienna

Title: NA

Online - See Seminar Website

Commutative Algebra & Algebraic Geometry Seminar

Website: <http://websupport1.citytech.cuny.edu/Faculty/hschoutens/CAAG.html>

Meets: 4:00PM – 5:00PM, Online

Speaker:

Title: NA

Online- Contact Organizer: Hans Schoutens (hschoutens@citytech.cuny.edu)