

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

**----- Spring 2019/ Monday, May 13, 2019 -----**

Unless otherwise noted, all seminars meet at the CUNY Graduate Center, located at 365 Fifth Ave. (at 34th St.), NYC. Seminars are listed below in chronological order, and show 13 websites, if available, may contain abstracts of the talks plus additional information. Note: A pdf version of this bulletin is attached in case the formatting of the text below is thrown off on your screen. Matters related to the seminars should be sent to [mathseminars@gc.cuny.edu](mailto:mathseminars@gc.cuny.edu).

***This is the final seminar bulletin for the Spring 2019 semester. We will resume our regular seminar bulletin in Fall 2019. Have a great summer!***

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**MONDAY, May 13<sup>th</sup>**

No seminar today

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**TUESDAY, May 14<sup>th</sup>**

**Geometry & Topology Student Seminar**

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

Meets: 1:30PM – 3:00PM, Rm. 4214.03

Speaker: Dan Berlyne

Title: Compact special groups are quasi-convex subgroups of RAAG's

**Hyperbolic Geometry Seminar**

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

Meets: 3:00PM - 4:00PM, Rm. 4214.03

Speaker: Bjoern Muetzel, Dartmouth College

Title: Energy distribution of harmonic 1-forms and Jacobians of Riemann surfaces with a short closed geodesic

**CUNY Geometry & Topology Seminar**

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

Meets: 4:15PM - 5:00PM, Rm. 6496

Speaker: Diane Hubbard, CUNY

Title: The braid index of highly twisted braid closures

**CUNY Probability Seminar**

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

Meets: 4:15PM – 5:15PM, Rm. 5417

Speaker:

Title: NA

No meeting

**Student Set Theory Seminar**

**Website:** <https://coreyswitzer.wordpress.com/cuny-student-set-theory-seminar>

Meets: 4:15PM – 5:45PM, Rm. 4214.03

Speaker:

Title: NA

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**WEDNESDAY, May 15<sup>th</sup>**  
SEMINARS FOLLOW MONDAY SCHEDULE

**Student Dynamics Seminar**

Meets: 12:00PM – 1:30PM, Rm. 5417

Speaker:

Title: NA

**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- 6:15PM, Rm 6417

Speaker:

Title: NA

**Graduate Student Colloquium**

Website:

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

Meets: 4:15PM – 5:00PM, Rm. 5417

Speaker:

Title:

No meeting until Fall 2019

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**THURSDAY, May 16<sup>th</sup>**

**Algebraic & Numerical Computation**

Meets: 2:00PM - 6:15PM, Rm. 3307

Speaker:

Title: NA

**CUNY Geometric Analysis Seminar**

Website: <https://bsantoro.cuny.cuny.edu/GCSeminar.html>

Meets: 3:00PM – 4:00PM, Rm. 6496

Speaker:

Title: NA

No meeting

**Symbolic-Numeric Computing Seminar**

Website: <http://qcpages.gc.cuny.edu/~aovchinnikov/seminar.html>

Meets: 3:00PM – 4:00PM, Rm. 9116

Speaker:

Title: NA

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

Website:

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

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Meets: 2:45PM - 4:00PM, Rm. 4419

Speaker: Mel Nathanson. CUNY

Title: Convex combinations of matrix scalings that produce doubly stochastic matrices

### **Nonlinear Analysis Seminar**

Website:

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

Meets: 4:15PM - 5:15PM, Rm. 6496

Speaker: Kazuo Yamazaki, University of Rochester

Title: Three-dimensional magnetohydrodynamics system forced by space-time white noise

### **Research Training Group in Number Theory Seminar**

Website: <http://www.math.columbia.edu/~goldfeld/ScheduleJointNTS32.html>

Meets: 4:00PM- 4:45M, Rm.

Speaker:

Title: NA

Tea: 5:00PM – 5:30PM, tea will be served

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

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

Website: <http://www.math.columbia.edu/~goldfeld/ScheduleJointNTS32.html>

Meets: 5:30PM - 7:00PM, Rm.

Speaker:

Title: NA

Tea: 5:00PM – 5:30PM, tea will be served

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

### **Phenomenology Reading Group**

Meets: 6:30PM – 8:30PM, Rm. 4214.03

Speaker:

Title: NA

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**FRIDAY, May 17<sup>th</sup>**

### **Number Theory Student Seminar**

Meets: 10:00AM – 11:30M, Rm. 4419

Speaker:

Title: NA

### **Set Theory Seminar**

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

Meets: 10:00AM - 11:45AM, Rm. 6417

Speaker: Jonas Reitz, CUNY

Title: Generalized Cohen Iterations

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

Website: <https://cs.nyu.edu/~pogudin/ksda/>

Meets: 10:15AM - 11:30AM, Rm. 5382

Speaker:

Title: NA

### **Extremal Length Seminar**

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

Meets: 10:30AM - 12:00PM, Rm. 4214.03

Speaker: Fred Gardiner

Title: Constructing bounded holomorphic functions on Teichmueller space from Bers' forgetful map and the evaluation map; showing  $C < K$ .

### **New York Combinatorics Seminar**

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

Meets: 11:45AM - 12:45PM, Rm. 4419

Speaker:

Title: NA

### **Study Group in Number Theory**

Website:

[http://fsw01.bcc.cuny.edu/cormac.osullivan/Research/number\\_theory.html](http://fsw01.bcc.cuny.edu/cormac.osullivan/Research/number_theory.html)

Meets: 11:45AM - 1:00PM, Rm. 3307

Speaker:

Title: NA

### **Data Science and Applied Topology**

Website: <http://cunygc.appliedtopology.nyc/>

Meets: 11:45AM - 1:45PM

Speaker:

Title: NA

### **Model Theory Seminar**

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

Meets: 12:30PM - 2:00PM, Rm. 6417

Speaker:

Title: NA

### **Study Group on Hodge Theory & Complex Algebraic Geometry**

Website: <https://fyemath.github.io/hodge-seminar.html>

Meets: 1:30PM - 3:30PM, Rm. 4214.03

Speaker:

Title: NA

### **Automorphic Forms Student Seminar**

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

Meets: 2:00PM – 3:00PM, Rm. 4422

Speaker:

Title: NA

### **Collaborative Number Theory Seminar**

Website: <http://qcpages.qc.cuny.edu/~msabitova/CNTS.html>

Meets: 2:00PM – 3:30PM, Rm. 6494

Speaker:

Title: NA

### **Complex Analysis and Dynamics Seminar**

Website: <http://qcpages.qc.cuny.edu/~zakeri/seminar.html>

Meets: 2:00PM - 3:30PM, Rm. 5417

Speaker:

Title: NA

### **CUNY Logic Workshop**

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

Meets: 2:00PM – 3:30PM, Rm. 6417

Speaker:

Title: NA

### **Discrete Geometry Seminar**

Website: <https://geometrynyc.wixsite.com/home/nyc-geometry-seminar>

Meets: 2:00PM – 4:00PM, Rm. 4419

Speaker:

Title: NA

### **Harmonic Analysis and PDE's Seminar**

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

Meets: 2:00PM – 3:00PM, Rm. 3309

Speaker:

Title: NA

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

Website: <https://ksda.ccny.cuny.edu/gradcenter.html>

Meets: 2:00PM – 3:00PM, Rm. 5382

Speaker:

Title: NA

### **Algebra and Cryptography Seminar**

Website: <http://www.sci.ccny.cuny.edu/~shpil/algcryp.html>

Meets: 2:30PM – 4:30PM, Rm. 3307

Speaker:

Title: NA

**BEAG seminar (Beginners Explorations in Algebraic Geometry)**

Website: [https://lagcc-cuny.digication.com/beag/SPRING\\_2019](https://lagcc-cuny.digication.com/beag/SPRING_2019)

Meets: 3:00PM – 4:00PM, Rm. 4433

Speaker:

Title: NA

**NY Group Theory Seminar**

Website: <https://sites.google.com/site/nygrouptheory/new-york-group-theory-seminar/spring-2019>

Meets: 4:00PM – 5:30PM, Rm. 5417

Speaker: Rizos Sklinos, Stevens Institute of Technology

Title: Nonequational stable groups

**Commutative Algebra & Algebraic Geometry Seminar**

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

Meets: 4:15PM – 5:15PM, Rm. 6417

Speaker:

Title: NA

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**Upcoming Conference Announcement**

ASL 2019 Annual Meeting

May 20 – 23, 2019

CUNY Graduate Center

For Details click on the link:

<https://asl2019.commonsgc.cuny.edu/>

JAF 2019 New York City

Journées sur les Arithmétiques Faibles

Weak Arithmetics Days

May 28-30, 2019

CUNY Graduate Center

For Details click on the link:

<https://jaf2019nyc.com/>

CANT Conference

May 21-24, 2019

CUNY Graduate Center

For Details Click on the link:

<http://www.theoryofnumbers.com/cant/>