TUESDAY, DEC. 8TH

Computational Logic Seminar
website: http://nylogic.org/computational-logic-seminar
Meets: 2:00PM - 4:00PM, Rm. 3209
Speaker: Sergei Artemov (CUNY Graduate Center)
Title: "Justification Logic and Aggregating Probabilistic Evidence"

Hyperbolic Geometry Seminar
website: http://wfs.gc.cuny.edu/BMarmolejo/www/hypgeo/Fall2015.html
Meets: 3:00PM - 4:00PM, Rm. 4214.03
Speaker: Joseph Quinn (CUNY Graduate Center)
Title: "Axes and Translation Lengths of Points in Macfarlane Spaces, Part I"

CUNY Probability Seminar
website: http://www.math.csi.cuny.edu/probability/
Meets: 4:15PM - 5:30PM, Rm. 6494
Speaker: Jeffrey Kuan (Columbia Univ.)
Title: TBA

Study Group in Number Theory
Meets: 5:00PM - 6:30PM, Rm. 4214
Speaker: Carlos Julio Moreno (CUNY Graduate Center and Baruch College).
Title: "Topics from "Advanced Analytic Number Theory" (Chapter 2) by Carl Ludwig Siegel, IV"

WEDNESDAY, DEC. 9TH

Langlands Program Learning Seminar
website: http://twong.ws.qc.cuny.edu/langlands/
Meets: 11:00AM – 12:00PM, Rm. 3208 (please note room change)
Title: "Singularity and Transfer"

Dynamics and Complex Analysis Research Seminar
website: http://qcpages.qc.cuny.edu/~yjiang/HomePageYJ/LinkPages/ResearchSeminars.htm
Meets: 1:30PM - 3:00PM, Rm. 4214.03
Speaker: Fernando Nera Lenarduzzi (IMPA – Brazil)
Title: "Some Results (and examples) on Infinite Ergodic Theory"

**CUNY Topology Seminar**
website: [http://math.hunter.cuny.edu/~mbenders/seminar.html](http://math.hunter.cuny.edu/~mbenders/seminar.html)
Meets: 5:30PM - 6:30PM, Rm. 4214.03
Speaker: Don Davis (Lehigh Univ.)
Title: "Topological Complexity of Spaces of Polygons"

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**THURSDAY, DEC. 10TH**

**New York Number Theory Seminar**
Meets: 3:00PM – 4:00PM, Rm. 3209
Speaker: Melvin Nathanson (Lehman College & The CUNY Graduate Center)
Title: "Every Finite Subset of an Abelian Group is an Asymptotic Approximate Group"

**Research Training Group in Number Theory Seminar**
Meets: 4:00PM - 4:45PM, Rm. 4102 at CUNY Graduate Center
Speaker: Alon Levy (KTH, Sweden)
Title: "An Algebraic Proof of Thurston’s Rigidity”
Tea: 5:00PM - 5:30PM, Rm.4102
NOTE: The RTG talk is aimed at graduate students and post-docs

**New York Joint Columbia-CUNY-NYU Number Theory Seminar**
Meets: 5:30PM - 7:00PM, Rm. 4102 at CUNY Graduate Center
Speaker: Alon Levy (KTH, Sweden)
Title: “An Algebraic Proof of Thurston’s Rigidity”
Tea: 5:00PM - 5:30PM, Rm.4102

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**FRIDAY, DEC. 11TH**

**Number Theory Student Seminar**
Meets: 10:00AM - 11:00AM, Rm.5417
Speaker: Mel Nathanson, (Lehman College & The CUNY Graduate Center)
Title: "Semester Review"

**Extremal Length Geometry Seminar**
website: [http://qcpages.qc.cuny.edu/~yjiang/HomePageYJ/LinkPages/ExtLengthSeminar.htm](http://qcpages.qc.cuny.edu/~yjiang/HomePageYJ/LinkPages/ExtLengthSeminar.htm)
Meets: 10:00AM - 11:30AM, Rm. 4214.03
Speaker: TBA
Title: TBA

**Set Theory Seminar**
Meets: 10:00AM - 12:00PM, Rm. 3212
Kolchin Seminar in Differential Algebra
website: [http://www.sci.ccny.cuny.edu/~ksda/gradcenter.html](http://www.sci.ccny.cuny.edu/~ksda/gradcenter.html)
Meets: 10:15AM - 12:30PM, Rm. 5382
Speaker: Matthew Harrison-Trainor (Univ. of California at Berkeley)
Title: "Differential-Algebraic Jet Spaces and Internality"

New York Combinatorics Seminar
Meets: 11:00AM - 12:00PM, Rm. 3308
Speaker: Yared Nigussie (Columbia Univ.)
Title: "Finite Structures for Graph Minor Ideals of Bounded Tree-width"

Model Theory Seminar
website: [http://nylogic.org/model-theory](http://nylogic.org/model-theory)
Meets: 12:30PM - 1:45PM, Rm. 6417
Speaker: Matthew Harrison-Trainor (Univ. of California Berkeley)
Title: "Scott ranks of Models of a Theory"

Algebraic Geometry Student Seminar
website: [https://sites.google.com/site/gradcenterseminars/current-seminars/algebraicgeometry](https://sites.google.com/site/gradcenterseminars/current-seminars/algebraicgeometry)
Meets: 2:00PM - 4:00PM, Rm. 5212
Speaker: Peter Thompson (CUNY Graduate Center)
Title: "Functions of Affine Varieties"

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 - 3:30PM, Rm. 5417
Speaker: Tarik Aougab (Brown Univ.)
Title: TBA

CUNY Logic Workshop
website: [http://nylogic.org/workshop](http://nylogic.org/workshop)
Meets: 2:00PM - 3:45PM Rm. 6417
Speaker: Dana Bartosova (Univ. de Sào Paulo)
Title: "Ramsey Theory and Topological Dynamics"

CUNY Representation Theory Seminar
website: [https://sites.google.com/site/cunyrt/](https://sites.google.com/site/cunyrt/)
Meets: 2:00PM - 3:30PM, Rm. 3209
Speaker: Jared Warner
Title: "Computing p-modular Cohomology Via the Quillen Homomorphism"

Mathematical Physics, Fourier Analysis, and Application Seminars
website: [https://wfs.gc.cuny.edu/myarmolinksy/friday_seminar.html](https://wfs.gc.cuny.edu/myarmolinksy/friday_seminar.html)
Meets: 4:00PM - 5:30PM, Rm. 4422
Speaker: Alex Iosevich (Rochester Univ.)
Title: "Finite point configurations discrete, continuous and arithmetic settings"
NEW YORK NUMBER THEORY SEMINAR (Special Meeting)
Meets: 4:10PM, Rm.4422
Speaker: Alex Iosevich (University of Rochester)
Title: "Finite Point Configurations Discrete, Continuous and Arithmetic Settings"
The talk will be preceded by refreshments in the math loung

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TUESDAY, DEC. 15TH

Study Group on Toric Varieties
website: http://bvans.net/ws
Meets: 11:00AM - 12:30PM, Rm. 4214.03
Speaker: Bart Van Steirteghem (MEC)
Title: "The Canonical Divisor of a Toric Variety"

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WEDNESDAY, DEC. 16TH

Langlands Program Learning Seminar
website: http://twong.ws.qc.cuny.edu/langlands/
Meets: 11:00AM – 12:00PM, Rm. 3212
Speaker: TBA
Title: TBA

Dynamics and Complex Analysis Research Seminar
website: http://qcpages.qc.cuny.edu/~yjiang/HomePageYJ/LinkPages/ResearchSeminars.htm
Meets: 1:30PM - 3:00PM, Rm. 4214.03
Speaker: Enrique Pujals (IMPA & The Graduate Center, CUNY)
Title: TBA

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THURSDAY, DEC. 17TH

Langlands Program Learning Seminar
website: http://twong.ws.qc.cuny.edu/langlands/
Meets: 10:00AM - 12:30PM, Rm. 3212
Speaker: TBA
Title: TBA

Research Training Group in Number Theory Seminar
Meets: 4:00PM - 4:45PM, Rm. 622 at Columbia Univ.
Speaker: Bhargav Bhatt (Univ. of Michigan)
Title: "Integral p-Adic Hodge Theory"
Tea: 5:00PM - 5:30PM, Rm. Math Lounge, 5th Floor
NOTE: The RTG talk is aimed at graduate students and post-docs.

New York Joint Columbia-CUNY-NYU Number Theory Seminar
Meets: 5:30PM - 7:00PM, Rm. 417 at Colombia Univ.
Speaker: Bhargav Bhatt (Univ. of Michigan)
Title: "Integral p-Adic Hodge Theory"
Tea: 5:00PM - 5:30PM, Rm. Math Lounge, 5th Floor

FRIDAY, DEC. 18TH

Collaborative Number Theory Seminar
website: http://qcpages.qc.cuny.edu/~msabitova/CNTS.html
Meets: 2:00PM - 3:30PM, Rm. 3209
Speaker: Manish Patnaik (Univ. of Alberta)
Title: TBA
This is a join Seminar with CUNY Representation Theory Seminar

CUNY Representation Theory Seminar
website: https://sites.google.com/site/cunyrt/
Meets: 2:00PM - 3:30PM, Rm. 3209
Speaker: Manish Patnaik (Univ. of Alberta)
Title: TBA
This is a join Seminar with Collaborative Number Theory Seminar

New York Combinatorics Seminar
website: http://userhome.brooklyn.cuny.edu/skingan/CombinatoricsSeminar/index.html
Meets: 11:00AM - 12:00PM, Rm. 3308
Speaker: (Tentative): Kira Adaricheva (Nazarbayev univ. Astaba kazakhstan)
Title: TBA