Unless otherwise noted, all seminars meet at the CUNY Graduate Center, 365 Fifth Ave. (at 34th St.), NYC. Seminars are listed below in chronological order, and show dates for the upcoming three weeks. Special Events, if any, are listed at the end. A seminar’s website, if available, may contain abstracts of the talks plus additional information.

TUESDAY, JAN. 28TH

**Computational Logic Seminar**
website: [http://nylogic.org/computational-logic-seminar](http://nylogic.org/computational-logic-seminar)
Meets: 2:00PM - 4:00PM, Rm. 3209
Speaker: Sergei Artemov (The CUNY Graduate Center)
Title: "Some new Directions in Epistemic Logic"

**Hyperbolic Geometry Seminar**
website: [http://wfs.qc.cuny.edu/CArettines/hypgeo/index.html](http://wfs.qc.cuny.edu/CArettines/hypgeo/index.html)
Meets: 3:00PM - 4:00PM, Rm. 4214-03
Speaker: Erina Kinjo (Tokyo Institute of Technology)
Title: "On the Length Spectrum of Riemann Surfaces and Asymptotic Teichmüller Space"

WEDNESDAY, JAN. 29TH

**Dynamics and Complex Analysis Student Seminar**
website: [http://qcpages.qc.cuny.edu/~yjiang/HomePageYJ/LinkPages/StudentSeminars.htm](http://qcpages.qc.cuny.edu/~yjiang/HomePageYJ/LinkPages/StudentSeminars.htm)
Meets: 10:30AM - 12:00PM, Rm. 4214-03
No Seminar today

**Dynamics and Analysis Learning Seminar**
website: [http://qcpages.qc.cuny.edu/~yjiang/HomePageYJ/LinkPages/ResearchSeminars.htm](http://qcpages.qc.cuny.edu/~yjiang/HomePageYJ/LinkPages/ResearchSeminars.htm)
Meets: 1:30PM - 3:00PM, Rm. 4214-03
No seminar today

**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: 3:30PM - 4:55PM, Rm. 4214-03
No seminar today

THURSDAY, JAN. 30TH

**Computer Science Colloquium**
website: [http://cslogic.info/colloquium/](http://cslogic.info/colloquium/)
Meets 4:15PM - 5:30PM, Rm. 9204/05
FRIDAY, JAN. 31ST

Set Theory Seminar
Meet: 10:00AM - 11:45AM, Rm. 6417
Speaker: Joel David Hamkins (College of Staten Island & The CUNY Graduate Center)
Title: "Large Cardinals Need Not be Large in HOD"

New York Combinatorics Seminar
Meets: 11:30AM - 12:30PM, Rm. 4419
Speaker: Mikhail Mazin (Kansas State Univ.)
Title: "Affine Permutations and Parking Functions"

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 - 11:45AM, Rm. 5382
Speaker: Thomas Dreyfus (Institute of Mathematics of Jussieu)
Title: "A Density Theorem for Parameterized Differential Galois Theory"

CUNY Representation Theory Seminar
website: [https://sites.google.com/site/cunyrt/](https://sites.google.com/site/cunyrt/)
Meets: 2:00PM - 3:00PM, Rm. 3209
Speaker: Christopher Sadowski (Rutgers Univ.)
Title: "Representations of Affine Lie Algebras and Partitions-an Introduction"

MONDAY, FEB. 3RD

Einstein Chair Seminar in Topology and Quantum Objects
website: [http://math.gc.cuny.edu/seminars/einsteinchair.html](http://math.gc.cuny.edu/seminars/einsteinchair.html)
Meet: 2:00PM - 6:15PM, Rm. 6417
Speaker: Alistair Hamilton (Texas Tech Univ.)
Title: "Compactifications and Classes in the Moduli Space of Curves"

TUESDAY, FEB. 4TH

Mathematical Physics and Harmonic Analysis Seminar
website: [https://wfs.gc.cuny.edu/AParzygnat/mathphys.html](https://wfs.gc.cuny.edu/AParzygnat/mathphys.html)
Meet: 2:00PM - 3:30PM, Rm. 4422
Speakers: Mr. Arthur Parzygnat (CUNY Graduate Center)
Title: "So(3), su(2), so(1,3), sl_2 (C) and Particles"
Differential Geometry Seminar
Meets: 2:45PM - 4:00PM, Rm. 3207
website: http://qcpages.qc.cuny.edu/~dlee2/seminar.html
Speaker: Peng Wu (Cornell Univ.)
Title: "Einstein Four-Manifolds of Three-Positive Curvature Operator"

Hyperbolic Geometry Seminar
website: http://wfs.gc.cuny.edu/CArettines/hypgeo/index.html
Meets: 3:00PM - 4:00PM, Rm. 4214-03
No seminar today

Study Group in Number Theory
Meets: 5:00PM - 6:30PM, Rm. 4214-03
Speaker: Carlos Moreno (Baruch College & The CUNY Graduate Center)
Title: "A Critical Reading of 1839 Dirichlet's Memoir "Recherches sur Diverses Applications de l'Analyse Infinitesimale à la Théorie des Nombres, I"

Algebraic & Numerical Computations Seminar
website: http://comet.lehman.cuny.edu/vpan/seminar.html
Meet: 6:30PM - 8:30PM, Rm. 3306
Speaker: Victor Pan (Lehman College & The CUNY Graduate Center)
Title: "Acceleration of Basic computations with Matrices and Polynomials I"

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WEDNESDAY, FEB. 5TH

Dynamics and Complex Analysis Student Seminar
website: http://qcpages.qc.cuny.edu/~yjiang/HomePageYJ/LinkPages/StudentSeminars.htm
Meets: 10:30AM - 12:00PM, Rm. 4214-03
Speaker: Ray Thomas (Medgar Evers College)
Title: "On Complex Tangent Family"

Dynamics and Analysis Learning Seminar
website: http://qcpages.qc.cuny.edu/~yjiang/HomePageYJ/LinkPages/ResearchSeminars.htm
Meets: 1:30PM - 3:00PM, Rm. 4214-03
Speaker: Yunping Jiang (Queens College & The CUNY Graduate Center)
Title: "Thurston program for Meromorphic and Entire Functions" (following Jeremy Kahn’s lecture)

Extremal Length Geometry Seminar
website: http://qcpages.qc.cuny.edu/~yjiang/HomePageYJ/LinkPages/ExtLengthSeminar.htm
Meets: 3:30PM - 4:55PM, Rm. 4214-03
Speaker: Fred Gardiner (Brooklyn College & The CUNY Graduate Center)
Title: "The Quasidisc Cocycle and on the Uniqueness Problem of Symmetric Invariant Measures I"

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THURSDAY, FEB. 6TH

Dynamics and Complex Analysis Student Seminar
website: http://qcpages.qc.cuny.edu/~yjiang/HomePageYJ/LinkPages/StudentSeminars.htm
Meets: 10:30AM - 12:00PM, Rm. 4214-03
Speaker: Ray Thomas (Medgar Evers College)
Title: "On Complex Tangent Family"
Impromptu Seminar in Arithmetic Geometry
Meets: 11:00AM - 1:00PM, Rm. 4214-03
Speakers and topics will vary each week

RTG New York Joint Columbia-CUNY-NYU Number Theory Seminar
website: http://wfs.gc.cuny.edu/lszpiro/www/index.html#jointsem
Meets: 4:00PM - 4:45PM, Rm. 622, at Columbia Univ.
Speaker: Keerthi Pera (Harvard Univ.)
Title: "The Irreducibility of Moduli of Polarized K3 Surfaces"
Tea: 5:00PM - 5:30PM, Math Lounge 5th Floor
Note: The RTG talk is aimed at graduate students and post-docs; regular faculty are requested not to attend

Computer Science Colloquium
website: http://cslogic.info/colloquium/
Meets 4:15PM – 5:30PM, Rm. 9204/05
Speaker: Noson Yanofsky (Brooklyn College & CUNY Graduate Center)
Title: "A Classification of Unsolvable Problems"
Followed by a wine and cheese reception in Rm. 4102 (Science Center), or the Math Lounge (Rm. 4214).

FRIDAY, FEB. 7TH

Kolchin Seminar in Differential Algebra
website: http://www.sci.ccny.cuny.edu/~ksda/gradcenter.htm
Meets: 10:15AM - 11:45AM, Rm. 5382
Speaker: Alexey Ovchinnikov (Queens College & The CUNY Graduate Center)
Title: "Semigroup Actions on Tannakian Categories"

New York Applied Algebra Colloquium
website: https://sites.google.com/site/nyalg2/
Meets: 10:30AM - 11:30AM, Rm. 3209
Speaker: Gretchen Ostheimer (Hofstra Univ.)
Title: TBA

Collaborative Number Theory Seminar
website: http://qcpages.qc.cuny.edu/~msabitova/CNTS.html
Meets: 2:00PM - 3:00PM, Rm. 3209
Speaker: Xin Wan (Columbia Univ.)
Title: TBA

CUNY Logic Workshop
website: http://nylogic.org/workshop
Meets: 2:00PM - 3:30PM, Rm. 6417
TUESDAY, FEB. 11TH

Mathematical Physics and Harmonic Analysis Seminar
website: https://wfs.gc.cuny.edu/AParzygnat/mathphys.html
Meet: 2:00PM - 3:30PM, Rm. 4422
Speakers: Mr. Arthur Parzygnat (CUNY Graduate Center)
Title: "Position/Momentum Representations and the Heisenberg/Schrodinger pictures"

Differential Geometry Seminar
website: http://gcpages.qc.cuny.edu/~dlee2/seminar.html
Meets: 2:45PM - 4:00PM, Rm. 3207
Speaker: Chen-Yun Lin (National Tsing Hua Univ.)
Title: TBA

CUNY Geometry and Topology Seminar
website: http://comet.lehman.cuny.edu/behrstock/seminar/
Meets: 4:15PM - 6:15PM, Rm. 3212
Speaker: Assaf Hadari (Yale Univ.)
Title: TBA

Study Group in Number Theory
Meets: 5:00PM - 6:30PM, Rm. 4214-03
Speaker: Carlos Moreno (Baruch College & The CUNY Graduate Center)
Title: "A Critical Reading of 1839 Dirichlet’s Memoir "Recherches Sur diverses Applications
de l'Analyse Infinitesimale à la Théorie des Nombres, II"

Algebraic & Numerical Computations Seminar
website: http://comet.lehman.cuny.edu/vpan/seminar.html
Meet: 6:30PM - 8:30PM, Rm. 3306
Speaker: Victor Pan (Lehman College & The CUNY Graduate Center)
Title: "Acceleration of Basic computations with Matrices and Polynomials II"

WEDNESDAY, FEB. 12TH

Dynamics and Complex Analysis Student Seminar
website: http://qcpages.qc.cuny.edu/~yjiang/HomePageYJ/LinkPages/StudentSeminars.htm
Meets: 10:30AM - 12:00PM, Rm. 4214-03
No seminar today

Dynamics and Analysis Learning Seminar
website:  
http://qcpages.qc.cuny.edu/~yjiang/HomePageYJ/LinkPages/ResearchSeminars.htm
Meets: 1:30PM - 3:00PM, Rm. 4214-03
No seminar today

**Extremal Length Geometry Seminar**

website:  
http://qcpages.qc.cuny.edu/~yjiang/HomePageYJ/LinkPages/ExtLengthSeminar.htm
Meets: 3:30PM - 4:55PM, Rm. 4214-03
No seminar today

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**THURSDAY, FEB. 13TH**

**Impromptu Seminar in Arithmetic Geometry**
Meets: 11:00AM - 1:00PM, Rm. 4214-03
Speakers and topics will vary each week

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

website:  
http://wfs.gc.cuny.edu/lszpiro/www/index.html#jointsem
Meets: 4:00PM - 4:45PM, Rm. 805, at NYU Courant Institute, Warren Weaver Hall 251 Mercer St.
Speaker: TBA
Title: TBA
Tea: 5:00PM - 5:30PM, Rm. 317
Note: The RTG talk is aimed at graduate students and post-docs; regular faculty are requested not to attend

**Computer Science Colloquium**

website:  
http://cslogic.info/colloquium/
Meets: 4:15PM - 5:30PM, Rm. 9204/05
Speaker: Rosario Gennaro (City College)
Title: "A Survey of Verifiable Delegation of Computations"
Followed by a wine and cheese reception in Rm. 4102 (Science Center), or Rm. 4214 (Math Lounge)

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

website:  
http://wfs.qc.cuny.edu/lszpiro/www/index.html#jointsem
Meets: 5:30PM - 7:00PM, Rm. 317 at NYU Courant Institute, Warren Weaver Hall, 251 Mercer St.
Speaker: TBA
Title: TBA
Tea: 5:00PM - 5:30PM, Rm. 317

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**FRIDAY, FEB. 14TH**

**Kolchin Seminar in Differential Algebra**

website:  
http://www.sci.ccny.cuny.edu/~ksda/gradcenter.html
Meets: 10:15AM - 11:45AM, Rm. 5382
Speaker: Mr. Carlos Arreche (CUNY Graduate Center)
New York Applied Algebra Colloquium
website: https://sites.google.com/site/nyalg2/.
Meets: 10:30AM - 11:30AM, Rm. 3209
Speaker: Nathan Corwin (Rutgers Univ.)
Title: TBA

CUNY Logic Workshop
website: http://nylogic.org/workshop
Meets: 2:00PM - 3:30PM, Rm. 6417
Speaker: Victoria Gitman (City Tech.)
Title: "Ramsey cardinals and the Continuum Function"

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SPECIAL EVENTS:

TUESDAY, FEB. 4TH

GC MATHFES 2014

The Graduate Center would like to invite undergraduate or Masters students studying mathematics to GC MathFest 2014 on February 4, 2014. You will meet faculty as well as current and former graduate students, learn about our areas of research, and our program. For more information and registration go to: http://www.gc.cuny.edu/News/GC-News/Detail?id=22599.