TUESDAY, MARCH 31ST

Computational Logic Seminar
website: http://nylogic.org/computational-logic-seminar
Meets: 2:00PM - 4:00PM, Rm. 6421
Speaker: Antonis Achilleos (CUNY Graduate Center)
Title: "NEXP-completeness and Universal Hardness Results for Justification Logic"

Non-Linear Analysis Seminar & Study Group
website: http://www.math.csi.cuny.edu/~mlucia/GCactivities.html
Meets: 1:00PM - 3:00PM, Rm. 5417
Speaker: Ratnasingham Shivaji (Univ. of North Carolina, Greensboro)
Title: "Existence Results for Classes of Steady State Reaction Diffusion Equations"

CUNY Geometry and Topology Seminar
website: http://comet.lehman.cuny.edu/behrstock/seminar/
Meets 4:15PM - 6:15PM, Rm. 3212
Speaker: Sam Taylor (Yale Univ.)
Title: "Stability in mapping Class Groups and Right-Angled Artin Groups"

Differential Geometry Seminar
website: http://qcpages.qc.cuny.edu/~dlee2/seminar.html
Meets: 2:45PM - 4:00PM, Rm. 3207
Speaker: James Dibble (Rutgers Univ.)
Title: "Totally Geodesic maps into Manifolds with no Focal Points"

Study Group on Toric Varieties
website: http://www.bvans.net/ws/
Meets: 4:00PM - 5:00PM, Rm.4214.03 (please note special time)
Speaker: Robert Donley (Queensborough Comm. College)
Title: "Projective Toric Varieties, II"

Study Group in Number Theory
Meets: 5:00PM - 6:30PM, Rm. 4214.03
Speaker: Alberto Baider (Hunter College & CUNY Graduate Center)
Title: "Absolute Values of Dedekind's Eta at Quadratic Surds"

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WEDNESDAY, APRIL 1ST

Dynamics and Analysis Student Seminar
website: 
http://qcpages.qc.cuny.edu/~yjiang/HomePageYJ/LinkPages/StudentSeminars.htm
Meets: 10:30AM - 12:00PM, Rm. 4214.03
Speaker: Mr. Santanu Nandi (CUNY Graduate Center)
Topic: Sections 4.1 - 4.4 of book "Quadratic Differentials” by Strebel

**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: TBA
Title: TBA

**Extremal Length Geometry Seminar**
website: http://qcpages.qc.cuny.edu/~yjiang/HomePageYJ/LinkPages/ExtLengthSeminar.htm
Meets: 3:30PM - 4:55PM, Rm. 4214.03
Speaker: Linda Keen (Lehman College & The CUNY Graduate Center)
Title: "On Schottky Groups, II"

**Models of Peano Arithmetic Seminar [MOPA Seminar]**
website: http://nylogic.org/MOPA
Meets: 4:50PM - 5:50PM, Rm. 6300
Speaker: Mr. Simon Heller (CUNY Graduate Center)
Title: "The Undecidability of Lattice-Ordered Groups, II"

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**THURSDAY, APRIL 2ND**

**Algebraic & Numerical Computations Seminar**
Meets: 2:00PM - 6:15PM, Rm. 7314
Speaker: Victor Pan (Lehman College & The CUNY Graduate Seminar)
Title: "Randomization Techniques for Matrix Computations and Polynomial Root-finding, III"

**Langlands Program Learning Seminar**
website: http://twong.ws.gc.cuny.edu/langlands/
Meets: 2:00PM - 3:00PM, Rm. 4214.03
Title: “The Taniyama Group”

**New York Number Theory Seminar**
website: http://www.math.rutgers.edu/~bumby/nyntsem/
Meets: 3:00PM - 4:00PM, Rm. 8202
Speaker: Mel Nathanson (Lehman College & the CUNY Graduate Center)
Title: "Formal Power Series, Polynomials, and Polytopes"

**RTG New York Joint Columbia-CUNY-NYU Number Theory Seminar**
website: http://wfs.gc.cuny.edu/lszpiro/www/index.html#jointsem
Meets: 4:00PM - 5:00PM, Rm. 805 NYU Courant Institute Warren Weaver Hall
Speaker: Kenneth Ward (NYU Shanghai)
Title: "Explicit Galois Representations of Automorphisms on Holomorphic Differentials in Characteristic P."
Tea: 5:00PM - 5:30PM, Rm. 317
Computer Science Colloquium
website: http://www.gc.cuny.edu/Public-Programming/Calendar/Detail?id=29470
Meets: 4:15PM- 5:30PM, Rm. 9204/9205
Speaker: Veronica Dahl (Simon Fraser Univ.)
Title: "Exploiting the Bountiful Nature of Language"
Followed by a wine and cheese reception in Rm. 4102 (Science Center), or the Math Lounge (Rm. 4214).

New York Joint Columbia-CUNY-NYU Number Theory Seminar
Meets: 5:30PM - 7:00PM, Rm.317 Warren Weaver Hall (251 Mercer St.)
Speaker: Kenneth Ward (NYU Shanghai)
Title: "Explicit Galois Representations of Automorphisms on Holomorphic Differentials in Characteristic P."
Tea: 5:00 - 5:30, Rm. 317

FRIDAY, APRIL 3RD
No Seminars today - - Spring Break at CUNY

TUESDAY, APRIL 7TH
No Seminars today - - Spring Break at CUNY

WEDNESDAY, APRIL 8TH
Dynamics and Analysis Student Seminar
website: http://qcpages.qc.cuny.edu/~yjiang/HomePageYJ/LinkPages/StudentSeminars.htm
Meets: 10:30AM - 12:00PM, Rm. 4214.03
Speaker: Mr. Santanu Nandi (CUNY Graduate Center)
Topic: Sections 4.5 - 5.2 of book "Quadratic Differentials" by Strebel

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
No meeting today

K-theory Seminar
Meets: 2:00PM - 4:00PM, Rm. 4214
Speaker: Corbett Redden (Long Island Univ.)
Title: "Differential Borel-E quivariant Cohomology"

Extremal Length Geometry Seminar
website:  http://qcpages.qc.cuny.edu/~yjiang/HomePageYJ/LinkPages/ExtLengthSeminar.htm
Meets: 3:30PM - 4:55PM, Rm. 4214.03
No meeting today

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THURSDAY, APRIL 9TH

No Seminars today - - Spring Break at CUNY

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FRIDAY, APRIL 10TH

No Seminars today - - Spring Break at CUNY

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MONDAY, APRIL 13TH

Einstein Chair Seminar in Topology and Quantum Objects
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: Santiago Lopez de Medrano (UNAM)
Title: "Intersections of Quadrics, old and new"

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TUESDAY, APRIL 14TH

Cryptography Student Seminar
website:  https://sites.google.com/site/gccryptostudents/
Meets: 1:00PM - 2:00PM, Rm. 4421
Speaker: Ms. Lisa Bromberg (CUNY Graduate Center)
Title: TBA

Non-Linear Analysis Seminar & Study Group
website:  http://www.math.csi.cuny.edu/~mlucia/GCactivities.html
Meets: 1:00PM - 3:00PM, Rm. 5417
Speaker: Kyril Tintarev (Uppsala Univ. Sweden)
Title: TBA

Differential Geometry Seminar
website:  http://qcpages.qc.cuny.edu/~dlee2/seminar.html
Meets: 2:45PM - 4:00PM, Rm. 3207
No meeting today

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

**Geometry and Topology Student Seminar**

Website: [http://www.math.csi.cuny.edu/abhijit/studentseminar/](http://www.math.csi.cuny.edu/abhijit/studentseminar/)

Meets: 12:00PM - 1:30PM, Rm, 4214.03

Speaker: TBA

Title: TBA

**Study Group in Number Theory**

Meets: 5:00PM - 6:30PM, Rm. 4214.03

Speaker: Alberto Baider (Hunter College & CUNY Graduate Center)

Title: "Absolute Values of Dedekind's Eta at Quadratic Surds"


WEDNESDAY, APRIL 15TH

**Dynamics and Complex Analysis Research 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

Speaker: Mr. Nishan Chatterjee (CUNY Graduate Center)

Title: "Asymptotical Beltrami coefficients for Circle Homeomorphisms"

**Dynamics and 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 meeting 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

Speaker: TBA

Title: TBA


THURSDAY, APRIL 16TH

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

Website: [http://wfs.qc.cuny.edu/lszpiro/www/index.html#jointsem](http://wfs.qc.cuny.edu/lszpiro/www/index.html#jointsem)

Meets: 4:00PM - 5:00PM, Rm. 4102 at CUNY Graduate Center

Speaker: Bjorn Poonen (MIT)

Title: TBA

Tea: 5:00PM - 5:30PM, Rm.4102

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


Meets: 5:30PM - 7:00PM, Rm. 4102 at CUNY Graduate Center

Speaker: Bjorn Poonen (MIT)
Title: TBA
Tea: 5:00PM - 5:30PM, Rm.4102

FRIDAY, APRIL 17TH

Kolchin Afternoon Seminar in Differential Algebra
website: http://www.sci.ccny.cuny.edu/~ksda/gradcenter.html
Meets 10:15AM - 11:45AM, Rm. 5382
Speaker: William Keigher (Rutgers Univ. at Newark)
Title: “Interlacing of Hurwitz Series”

New York Combinatorics Seminar
website: http://userhome.brooklyn.cuny.edu/skingan/CombinatoricsSeminar/index.html
Meets: 11:00AM - 12:00PM, Rm. 4419
Speaker: David Garber (Holon Institute of Technology, Israel)
Title: "The Alternating Subgroup of the Colored permutation Group"

Complex Analysis and Dynamics Seminar
website: http://qcpages.qc.cuny.edu/~zakeri/seminar.html
Meets: 2:00PM - 3:30PM, Rm. 5417
Speaker: Jon Fickenscher (Princeton Univ.)
Title: TBA

CUNY Logic Workshop
website: http://nylogic.org/workshop
Meets: 2:00PM - 3:45PM, Rm. 6417
Speaker: Robert Lubarsky (Florida Atlantic Univ.)
Title: TBA

CUNY Representation Theory Seminar
website: https://sites.google.com/site/cunyrt/
Meets: 2:00PM - 3:30PM, Rm. 3209
Speaker: Nils Carqueville (Vienna Univ.)
Title: TBA

Algebra & Cryptography Seminar
website: http://www.sci.ccny.cuny.edu/~shpil/algcryp.html
Meets: 2:30PM - 3:30PM, Rm. 3305
Speaker: David Garber (Holon Institute of Technology, Israel)
Title: TBA

New York Group Theory Seminar
website: http://www.grouptheory.org/
Meets: 4:00PM - 5:30PM, Rm. 5417
Speaker: Bruce Kleiner (NYU)
Title: TBA
Tea from 3:30pm - 4:00pm in the Math Lounge (Rm. 4214); Wine and cheese in the Math Lounge after the seminar.

Mathematical Physics, Fourier analysis, and Applications Seminar
website:  https://wfs.gc.cuny.edu/myarmolinksy/friday_seminar.html
Meets: 4:00PM - 5:30PM, Rm. 4422
Speaker: TBA
Title: TBA

**Student Seminar in Algebraic Geom. & Applications**
Meets: 4:30PM - 6:30PM, Rm. 4214.03
Speaker: Mr. Eli Amzallag (CUNY Graduate Center)
Title: "The Dimension of a Variety"

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**SPECIAL EVENTS**

**TUESDAY, APRIL 21ST – WEDNESDAY, APRIL 22ND**

**Math Conference at GC: “Hyperbolic Geometry Workshop”**

At the Graduate Center of the City University of New York, Rm. 4102, Tues: 3:30pm - 6:00pm, followed by a 6:00pm reception in the Math Lounge. Wednesday, April 23rd: 10:00am - 1:00pm in the Science Center, Rm. 4102). For more info, see the conference website:  http://homeweb.unifr.ch/parlierh/pub/Identities. This conference is organized by Prof. Ara Basmajian (Hunter College & the Math Doctoral Faculty) and Prof. Hugo Parlier (Univ. of Fribourg, visiting GC).

**MONDAY, JUNE 1ST - FRIDAY, JUNE 5TH:**

**International Conference on Harmonic Analysis and Applications**

At the Graduate Center of the City University of New York, Rm. 4102

In recent years, harmonic analysis has spawned new and exciting developments in various areas of pure and applied mathematics. These developments have merged into wavelets and frames as a common language of physics, astrophysics, engineering, geology, statistics, and into new applications to geometry analysis of large digital data and signal and image processing, such as compress sensing and sparse sampling, and approximation theory. The methods of harmonic analysis and frame theory have also been employed to solve long-standing problems in operator theory and operator algebra, PDE, interpolation theory, boundary value problems, Lie theory, and the geometry of fractals. The PIs have a long story of applying harmonic analysis and frame methods for study of functions and interpolation spaces, sampling theory on symmetric spaces, Lie groups and tiling theory. For complete info, see:  http://ichaa.ws.gc.cuny.edu.

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