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.

MONDAY, MARCH 25TH – TUESDAY, APRIL 2ND

-- Spring Recess at the CUNY Graduate Center --

THURSDAY, APRIL 4TH

Impromptu Seminar in Arithmetic Geometry
Meets: 11:00AM - 1:00PM, Rm. 4214.03
Speakers & topics will vary each week

Geometric Invariant Theory Study Group
website: http://bvans.net/ws
Meets: 2:00PM - 3:30PM, Rm. 5212
No meeting today

Non-Linear Analysis Seminar & Study Group
website: http://www.math.csi.cuny.edu/~mlucia/GCactivities.html
Meets: 2:00PM - 4:00PM, Rm. 5417
Speaker: Marco Squassina (Univ. of Verona)
Title: "Symmetry in Variational Principles and Applications"

New York Number Theory Seminar
website: http://www.math.rutgers.edu/~bumby/nyntsem/
Meets: 3:00PM – 4:00PM, Rm. 4419
Speaker: Melvin Nathanson (Lehman College & The CUNY Graduate Center)
Title: "Explicit Formulas for the Number of Additive Quadruples, and other Linear Relations"

RTG New York Joint Columbia-CUNY-NYU Number Theory Seminar
website: http://wfs.gc.cuny.edu/laszpiro/www/index.html#jointsem
Meets: 4:00PM - 4:45PM, Rm.412 at NYU, Courant Institute
Speaker: Abhinav Kumar (MIT)
Title: "Real Multiplication Abelian Surfaces with Everywhere Good Reduction"
Tea: 5:00PM - 5:30PM, Rm. 102
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. 9204/9205
Speaker: TBA
Title: TBA
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. 102 at NYU, Courant Institute  
Speaker: Abhinav Kumar (MIT)  
Title: "Real Multiplication Abelian Surfaces with Everywhere Good Reduction"  
Tea: 5:00PM - 5:30PM, Rm. 102

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**FRIDAY, APRIL 5TH**

**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: Raymond Hoobler (City College & The CUNY Graduate Center)  
Title: "Deligne Revisited II: Gauss-Manin Connections and Regular Singular Points"

**New York Combinatorics Seminar**  
Meets: 11:30AM - 12:30PM, Rm. 4419  
Speaker: Louis Petingi (College of Staten Island)  
Title: "Efficient Evaluation of a Diameter-Constrained reliability Measure for some Families of Graphs"

**New York Applied Algebra Colloquium**  
website: [https://sites.google.com/site/nyalg2/](https://sites.google.com/site/nyalg2/)  
Meets: 10:30AM - 11:30AM, Rm. 3209  
No meeting today

**Collaborative Number Theory Seminar**  
website: [http://gcpages.qc.cuny.edu/~msabitova/CNTS.html](http://gcpages.qc.cuny.edu/~msabitova/CNTS.html)  
Meets: 12:15PM - 1:45PM, Rm. 3209  
No meeting today

**Mathematical Aspects of Cryptography Student Seminar**  
website: [https://sites.google.com/site/gccryptostudents/](https://sites.google.com/site/gccryptostudents/)  
Meets: 1:30PM - 2:30PM, Rm. 8405  
No meeting today

**Complex Analysis & Dynamics Seminar**  
website: [http://gcpages.qc.cuny.edu/~zakeri/seminar.html](http://gcpages.qc.cuny.edu/~zakeri/seminar.html)  
Meets: 2:00PM - 3:30PM, Rm. 5417  
Speaker: Saeed Zakeri (Queens College & The CUNY Graduate Center)  
Title: "On Margulis Cusps of Hyperbolic 4-Manifolds"

**CUNY Representation Theory Seminar**  
website: [https://sites.google.com/site/cunyrt/](https://sites.google.com/site/cunyrt/)  
Meets: 2:00PM - 3:00PM, Rm. 3209  
No meeting today
Kolchin Afternoon Seminar in Differential Algebra
website: http://www.sci.ccny.cuny.edu/~ksda/gradcenter.html
Meets: 2:00PM - 5:00PM, Rm. 5382
Speaker: TBA
Title: TBA

Algebra and Cryptography Seminar
website: http://www.sci.ccny.cuny.edu/~shpil/algcryp.html
Meets: 2:30PM - 3:30PM, Rm. 8404
Speaker: Anja Moldenhauer (Univ. of Hamburg)
Title: "A Secret Sharing Scheme Based on the Closest Vector Theorem and a Modification to a Private Key Cryptosystem"

New York Group Theory Seminar [a.k.a. Magnus Group Theory Seminars]
website: http://www.grouptheory.org/
Meets: 4:00PM - 5:15PM, Rm. 5417
Speaker: Kate Juschenko (Vanderbilt Univ.)
Title: "On Simple Amenable Groups"
Tea: 3:30PM in the Math lounge, Rm. 4214

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MONDAY, APRIL 8TH

Mathematical Physics Seminar
website: https://wfs.gc.cuny.edu/AParzygnat/mathphys.html
Meets: 6:30PM - 8:00PM, Rm. 4102
No meeting today

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TUESDAY, APRIL 9TH

Cubical Complexes and RAAGs Reading Seminar
website: http://www.math.csi.cuny.edu/abhijit/raagseminar/
Meets: 11:45AM - 1:00PM, Rm. 3212
Speaker: Harriet Moser
Title: "4.5 & 4.6 Wall Injectivity"

Differential Geometry Seminar
website: http://qcpages.qc.cuny.edu/~dlee2/seminar.html
Meets: 2:45PM - 4:00PM, Rm. 3207
Speaker: Kenneth Knox (SUNY Stony Brook)
Title: TBA

Configuration Spaces and En Algebras Seminar
Website: https://sites.google.com/site/jeremykennethmiller/home/configuration-spaces-and-e_n-algebras-seminar
Meets: 3:30PM - 4:30PM, Rm. 4214 (Math lounge)
Speaker: Mr. Aron Fischer (CUNY Graduate Center)
Topic: "Atiyah Duality, II"
CUNY Geometry and Topology Seminar
website: http://comet.lehman.cuny.edu/behrstock/seminar/
Meets: 4:15PM - 6:15PM, Rm. 3212
Speaker: Ms. Viveca Erlandsso (CUNY Graduate Center)
Title: "On Margulis Cusps of Hyperbolic 4-Manifolds"

CUNY Probability Seminar
website: http://www.math.csi.cuny.edu/probability/
Meets: 4:15PM - 5:30PM, Rm. 5417
Speaker: Jan Rosinski (Univ. of Tennessee)
Title: "CLT for Gaussian and Non Gaussian Chaos Via Asymptotic Independence"

Study Group in Number Theory
Meets: 5:00PM - 6:50PM, Rm. 4214.03
Speaker: Joseph Lewittes (Lehman College & The CUNY Graduate Center)
Title: "About Euclidean Domains, cont'd."

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WEDNESDAY, APRIL 10TH

CUNY Topology Seminar
website: http://math.hunter.cuny.edu/~mbenders/seminar.html
Meets: 5:45PM - 6:45PM, Rm. 4214.03
Speaker: Jose la Luz (Hostos C.C.)
Title: "The Higher Derived Functors of the Primitive Element Functor of Quasitoric Manifolds"

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THURSDAY, APRIL 11TH

Impromptu Seminar in Arithmetic Geometry
Meets: 11:00AM - 1:00PM, Rm. 4214.03
Speakers & topics will vary each week

Geometric Invariant Theory Study Group
website: http://bvans.net/ws
Meets: 2:00PM - 3:30PM, Rm. 5212
Speaker: Bart Van Steirteghem (Medgar Evers College)
Title: "Basic results in Classical Invariant Theory, cont'd."

Non-Linear Analysis Seminar & Study Group
website: http://www.math.csi.cuny.edu/~mlucia/GCactivities.html
Meets: 2:00PM - 4:00PM, Rm. 5417
Speaker: Changfeng Gui (Univ. of Connecticut)
Title: "Traveling Wave Solutions to Reaction diffusion Equations with Fractional Laplacians"

New York Number Theory Seminar
website: http://www.math.rutgers.edu/~bumby/nyntsem/
Meets: 3:00PM - 4:00PM, Rm. 4419
Speaker: Norman Carey (CUNY Graduate Center, Music Performance)
Title: "Difference Sequences and Rich Words"
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.4102 at the Graduate Center
Speaker: Umberto Zannier (Scuola Normale Superiore, Pisa)
Title: "Some S-unit Equations, Especially Describing Perfect Powers with Few Nonzero (Binary) Digits"
Tea: 5:00PM - 5:30PM, Rm. 4102
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. 9204/9205
Speaker: TBA
Title: TBA
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
website:  http://wfs.gc.cuny.edu/lszpiro/www/index.html#jointsem
Meets: 5:30PM - 7:00PM, Rm. 4102 at the Graduate Center
Speaker: Umberto Zannier (Scuola Normale Superiore, Pisa)
Title: "Some S-unit Equations, Especially Describing Perfect Powers with Few Nonzero (Binary) Digits"
Tea: 5:00PM - 5:30PM, Rm. 4102

FRIDAY, APRIL 12TH

Set Theory Seminar
website:  http://nylogic.org/set-theory
Meets: 11:00AM, Rm.6494 (Please note this is a Dissertation Defense)
Speaker: Mr. Norman Perlmutter (CUNY Graduate Center)
Title: "Inverse limits of models of set theory and the large cardinal hierarchy near a high-jump cardinal"

Kolchin Seminar in Differential Algebra
website:  http://www.sci.ccny.cuny.edu/~ksda/gradcenter.html
Meets: 10:15AM - 11:45AM, Rm. 5382
Speaker: David Marker (Univ. Of Illinois at Chicago)
Title: "Canonical Definitions in Differentially Closed Fields"

New York Applied Algebra Colloquium
website:  https://sites.google.com/site/nyalg2/
Meets: 10:30AM - 11:30AM, Rm. 3209
Speaker: Eric Rowland (Univ. of Quebec in Montreal, Canada)
Title: "The Structure of Equivalence classes in F2"

Model Theory Seminar
website:  http://nylogic.org/model-theory
Meets: 12:30PM - 1:45PM, Rm. 6417
Speaker: Patrick Speissegger (McMaster Univ.)
Mathematical Aspects of Cryptography Student Seminar
website: [https://sites.google.com/site/gccryptostudents/](https://sites.google.com/site/gccryptostudents/)
Meets: 1:30PM - 2:30PM, Rm. 8405
Speaker: Mr. Eli Amzallag (CUNY Graduate Center)
Title: "Tropical Cryptography"

Complex Analysis & 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: Rubi Rodriguez (Catholic Univ. of Chile)
Title: TBA

CUNY Logic Workshop
website: [http://nylogic.org/workshop](http://nylogic.org/workshop)
Meets: 2:00PM - 3:30PM, Rm. 6417
Speaker: Karen Lange (Wellesley College)
Title: "An Algebraic Characterization of Recursively Saturated Real Closed Fields"

CUNY Representation Theory Seminar
website: [https://sites.google.com/site/cunyrt/](https://sites.google.com/site/cunyrt/)
Meets: 1:30PM - 2:45PM, Rm. 3209 (Note special time)
Speaker: Ju-Lee Kim (MIT)
This seminar is join with Collaborative Number Theory Seminar

Kolchin Afternoon Seminar in Differential Algebra
website: [http://www.sci.ccny.cuny.edu/~ksda/gradcenter.html](http://www.sci.ccny.cuny.edu/~ksda/gradcenter.html)
Meets: 2:00PM - 5:00PM, Rm. 5382
Speaker: TBA
Title: TBA

Algebra and Cryptography Seminar
website: [http://www.sci.ccny.cuny.edu/~shpil/algcryp.html](http://www.sci.ccny.cuny.edu/~shpil/algcryp.html)
Meets: 2:30PM - 3:30PM, Rm. 8404
Speaker: Sibel Adali (Rensselaer Polytechnic Institute)
Title: TBA

CUNY Statistics Seminar
website: [http://math.hunter.cuny.edu/sylvan/Seminar.html](http://math.hunter.cuny.edu/sylvan/Seminar.html)
Meets: 3:00PM - 4:00PM, Rm. 3212
Speaker: TBA
Title: TBA

Collaborative Number Theory Seminar
website: [http://qcpages.qc.cuny.edu/~msabitova/CNTS.html](http://qcpages.qc.cuny.edu/~msabitova/CNTS.html)
Meets: 1:30PM - 2:45PM, Rm. 3209 (Please note special time)
Speaker: Ju-Lee Kim (MIT)
Title: TBA

Commutative Algebra & Algebraic Geometry Seminar
website: [http://websupport1.citytech.cuny.edu/faculty/lghezzi/Ghezzi/Seminar.html](http://websupport1.citytech.cuny.edu/faculty/lghezzi/Ghezzi/Seminar.html)
Meets: 4:00PM - 5:00PM, Rm. 6417
New York Group Theory Seminar  [a.k.a. Magnus Group Theory Seminars]
website: http://www.grouptheory.org/
Meets: 4:00PM - 5:15PM, Rm. 5417
Speaker: "Jon Mccammond (Univ. of California, Santa Barbara)
Title: "Artin Groups of Euclidean Type"
Tea: 3:30PM in the Math lounge, Rm. 4214

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MONDAY, APRIL 15TH

Mathematical Physics Seminar
website: https://wfs.gc.cuny.edu/AParzygnat/mathphys.html
Meets: 6:30PM - 8:00PM, Rm. 4102
Speaker: Azita Mayeli (Queensborough Community College)
Title: "The Rotation Groups and its Representations"

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TUESDAY, APRIL 16TH

Cubical Complexes and RAAGs Reading Seminar
website: http://www.math.csi.cuny.edu/abhijit/raagseminar/
Meets: 11:45AM - 1:00PM, Rm. 3212
Speaker: Mr. Timothy Susse (CUNY Graduate Center)
Title: TBA

Differential Geometry Seminar
website: http://qcpages.qc.cuny.edu/~dlee2/seminar.html
Meets: 2:45PM - 4:00PM, Rm. 3207
Speaker: Tom LaGatta (Courant Institute)
Title: "Geodesics of Random Riemannian Metrics"

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

CUNY Probability Seminar
website: http://www.math.csi.cuny.edu/probability/
Meets: 4:15PM - 5:30PM, Rm. 5417
Speaker: Daniel Conus (Lehigh Univ.)
Title: "Intermittency and chaotic properties for a family of Stochastic PDEs"

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WEDNESDAY, APRIL 17TH

Mathematical Physics Seminar
website: https://wfs.gc.cuny.edu/AParzygnat/mathphys.html
Meets: 6:30PM - 8:00PM, Rm. 4102 (Please note special date)
Speakers: TBA
Title: TBA

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THURSDAY, APRIL 18TH

Impromptu Seminar in Arithmetic Geometry
Meets: 11:00AM - 1:00PM, Rm. 4214.03
Speakers & topics will vary each week

Geometric Invariant Theory Study Group
website: http://byans.net/ws
Meets: 2:00PM - 3:30PM, Rm. 5212
Speaker: TBA
Title: TBA

Non-Linear Analysis Seminar & Study Group
website: http://www.math.csi.cuny.edu/~mlucia/GCactivities.html
Meets: 2:00PM - 4:00PM, Rm. 5417
Speaker: TBA
Title: TBA

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: Ellen Eischen (Univ. of North Carolina, Chapel Hill)
Title: "P-Adic Families of Eisenstein Series for Unitary Groups"
Tea: 5:00PM - 5:30PM, Rm. 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. 9204/9205
Speaker: TBA
Title: TBA
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
website: http://wfs.gc.cuny.edu/lszpiro/www/index.html#jointsem
Meets: 5:30PM - 7:00PM, Rm. 302 at Columbia Univ.
Speaker: Ellen Eischen (Univ. of North Carolina, Chapel Hill)
Title: "P-Adic Families of Eisenstein Series for Unitary Groups"
Tea: 5:00PM - 5:30PM, Rm. Math Lounge 5th floor

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FRIDAY, APRIL 19TH
**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: Alexander Levin (Catholic Univ. of America)  
Title: TBA

**New York Applied Algebra Colloquium**  
website: [https://sites.google.com/site/nyalg2/](https://sites.google.com/site/nyalg2/)  
Meets: 10:30AM - 11:30AM, Rm. 3209  
Speaker: Marco Zyman (B.M.C.C.)  
Title: TBA

**Mathematical Aspects of Cryptography Student Seminar**  
website: [https://sites.google.com/site/gccryptostudents/](https://sites.google.com/site/gccryptostudents/)  
Meets: 1:30PM - 2:30PM, Rm. 8405  
Speaker: TBA  
Title: TBA

**Complex Analysis & 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: Eric Bedford (Indiana Univ.)  
Title: TBA

**CUNY Representation Theory Seminar**  
website: [https://sites.google.com/site/cunyrt/](https://sites.google.com/site/cunyrt/)  
Meets: 2:00PM - 3:00PM, Rm. C415A (Please note special room)  
Speaker: David Vogan (MIT)  
Title: "Extended Reductive Groups and Representation Theory"  

**Kolchin Afternoon Seminar in Differential Algebra**  
website: [http://www.sci.ccny.cuny.edu/~ksda/gradcenter.html](http://www.sci.ccny.cuny.edu/~ksda/gradcenter.html)  
Meets: 2:00PM - 5:00PM, Rm. 5382  
Speaker: TBA  
Title: TBA

**CUNY Statistics Seminar**  
website: [http://math.hunter.cuny.edu/sylvan/Seminar.html](http://math.hunter.cuny.edu/sylvan/Seminar.html)  
Meets: 3:00PM - 4:00PM, Rm. 3212  
Speaker: Milena Cuellar (La Guardia Community College)  
Title: TBA

**Collaborative Number Theory Seminar**  
website: [http://qcpages.qc.cuny.edu/~msabitova/CNTS.html](http://qcpages.qc.cuny.edu/~msabitova/CNTS.html)  
Meets: 12:15PM - 1:45PM, Rm. 3209  
Speaker: Jim Brown (Clemson Univ.)  
Title: TBA

**New York Group Theory Seminar [a.k.a. Magnus Group Theory Seminars]**  
Meets: 4:00PM - 5:15PM, Rm. 5417  
Speaker: Igor Lysenok (Stevens Institute)  
Title: TBA
Tea: 3:30pm in the Math lounge, Rm. 4214

SPECIAL EVENTS:

WEDNESDAY, APRIL 3RD

“SIMPLICITY”

Ideal of Practice in Mathematics & the Arts; event will be held CUNY Graduate Center at the Proshansky Auditorium for more information: http://s-i-m-p-l-i-c-i-t-y.org/.

THURSDAY, APRIL 18TH - FRIDAY, APRIL 19TH

“2013 NY Graduate Student Logic Conference”

The fourth New York Graduate Student Logic Conference, which will be held at the CUNY Graduate Center, The goal of this conference is to promote graduate education in logic by bringing together the best graduate students working in any part of the subject. for registration and other information see: https://sites.google.com/site/nygradstudentlogicconference/home.

THURSDAY, MAY 2ND

“Finite blow-up vs. global regularity for equations of fluid motion”

This will be held at the CUNY Graduate Center, 9:00AM – 5:00PM, Rm. 4201 Science Center. Coordinator: Jesenko Vukadinovic, speakers: Edriss Titi (Weizmann Institute), Peter Constantin (Princeton), Isabelle Gallagher (Paris-Diderot), Maria Schonbek (UC Santa Cruz), Alexis Vasseur (University of Texas) and Pierre Germain (Courant institute).

TUESDAY, MAY 21ST - FRIDAY, MAY 24TH

“Combinatorial and Additive Number Theory (CANT 2013) Conference”

The annual Workshop on Combinatorial and Additive Number Theory (CANT 2013) will take place at the CUNY Graduate Center The featured speaker will be Tom Sanders of Oxford University, who will deliver a series of lectures entitled "The structure theory of set addition revisited." You are invited to attend and participate in the conference. If you wish to give a talk, please send me a title and abstract. This year is the 100th anniversary of birth of Paul Erdos, and lectures related to the work of Erdos are particularly welcome.

Information about the conference, including the list of speakers and conference program, will soon be available.

TUESDAY MAY, 28TH - Friday, MAY 31ST
"Geometric and Asymptotic Group Theory With Applications (GAGTA)"

This conference will be held at City College of New York, Tuesday MAY 28TH - Thursday May 30th and Friday May 3, at the Graduate Center Rms. 9204/92059, from 9:00AM – 5:00PM. GAGTA is a series of conferences organized periodically, since 2005, by researchers in Group Theory all over the world, and scientifically supervised by the present steering committee. GAGTA conferences are devoted to the study of a variety of areas in Geometric and Combinatorial Group Theory, including asymptotic and probabilistic methods, as well as algorithmic and computational topics involving groups. In particular, areas of interest include group actions isoperimetric functions, Growth, asymptotic invariants, random walks, algebraic geometry over groups, algorithmic problems and their complexity, Generic properties and generic complexity, and applications to non-commutative cryptography.” For more info, see: http://gagta.org/.

TUESDAY, MAY 28TH - FRIDAY, MAY 31ST

"A Conference to describe the published scientific work of Jim Simons on the occasion of his 75th birthday"

Will be at CUNY Graduate Center, there will be four mini-courses pertaining to the main aspects of Jim Simons' published research
For more information see: http://www.math.sunysb.edu/events/simonsmath/.

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