CUNY Mathematics Seminars Bulletin - CUNY Ph.D. Program in Mathematics  
------------- Spring 2016 | No. 15| Tuesday, May 9th, 2016 -------------

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 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, MAY 10TH

Computational Logic Seminar  
Website: http://nylogic.org/talks/epistemic-updates-on-algebras  
Meets: 2:00PM-3:00PM Rm. 4422  
Speaker: Alessandra Palmigiano (Delft University of Technology)  
Title: "Epistemic updates on algebras"

CUNY Geometry & Topology Seminar  
Website: http://comet.lehman.cuny.edu/behrstock/seminar/  
Meets: 4:15PM-6:15PM, Rm. 3212  
Speaker: Giulio Tiozzo (Yale University)  
Title: "Counting loxodromics for hyperbolic actions"

CUNY Probability Seminar  
Website: www.math.csi.cuny.edu/probability/  
Meets: 4:15PM - 6:15PM, Rm. 6494  
Speaker: Omri Sarig (Weizmann Institute)  
Title: "The deterministic random walk"

WEDNESDAY, MAY 11TH

Models of Peano Arithmetic  
Website: http://nylogic.org/talks/automorphisms-of-models-of-presuburger-arithmetic-v  
Meets: 6:15PM - 8:00PM, Rm. 4214.03  
Speaker: Simon Heller (The Graduate Center of CUNY)  
Title: "Automorphisms of models of Presuburger arithmetic V"

THURSDAY, MAY 12TH

The Langlands Program Seminar  
Website: http://twong.ws.qc.cuny.edu/langlands/  
Meets: 12:00PM - 1:00PM, Rm. 4214.03  
Title: "Chromatic homotopy theory for number theorists"

Algebraic and Numerical Computations  
Meets: 2:00PM - 3:30PM, Rm.5417  
Titles: "Randomized and Derandomized Matrix Algorithms II"
Differential Geometry Seminar
Website: https://sites.google.com/site/professorsormani/home/seminars/cuny-diff-geom-seminar-spring-2016
Meets: 2:45PM - 4:00PM, Rm. 6496
Speaker: Samuel Wainer (UNICAMP)
Title: "Dirac Equation and isometric immersions"

NY Number Theory Seminar
Website: http://www.math.rutgers.edu/~bumby/nyntsem/
Meets: 3:00PM - 4:00PM, Rm. 4419
Speaker: Mel Nathanson (Lehman College and the Graduate Center of CUNY)
Title: "Open problems for linear forms in additive number theory"

Fifth NY Graduate Student Logic Conference
Website: https://sites.google.com/site/nygradstudentlogicconference/home
May 12-13, 2016
The Graduate Center of CUNY

FRIDAY, MAY 13TH

Number Theory Student Seminar
Meets: 10:00AM - 11:00AM, Rm. 4419
Speaker: Kevin O'Bryant (The Graduate Center of CUNY)
Title: TBA

Extremal Length Seminar
Meets: 10:30AM - 12:00PM, Rm. 4214.03
Speaker: Jun Hu (Brooklyn college and The Graduate Center of CUNY)
Title: "Feigenbaum and Coullet-Tresser rigidities in the period-doubling bifurcation and the unsolved power law problem"

New York Combinatorics Seminar
Website: http://userhome.brooklyn.cuny.edu/skingan/CombinatoricsSeminar/index.html
Meets: 11:00AM - 12:00PM, Rm. C196.06
Speaker: Christopher R. H. Hanusa (Queens College of CUNY)
Title: "A q-Queens Problem"

Model Theory Seminar
Website: http://nylogic.org/model-theory
Meets: 12:30PM - 1:45PM, Rm. 6417
Speaker: Rahim Moosa (University of Waterloo)
Title: "The Dixmier-Moeglin problem for D-varieties"

Kolchin seminar in Differential Algebra
Website: http://nylogic.org/talks/title-tba-17
Meets: 2:00PM - 3:00PM, Rm. 6417 (As part of an all day workshop from 10:15AM-5:00PM, Rm. 5382 http://ksda.ccny.cuny.edu/gradcenter.html)
Speaker: Tom Scanlon (University of California – Berkeley)
Title: "Trichotomy principle for partial differential fields"

Algebra & Cryptography Seminar
Collaborative Number Theory Seminar
Website: http://qcpages.qc.cuny.edu/~msabitova/CNTS.html
Meets: 2:00PM - 3:30PM, Rm. 3209
Speaker: Yves Martin (Universidad de Chile)
Title: "On the integral kernel for a multiple Dirichlet series associated to Siegel cusp forms"

Complex Analysis and Dynamics Seminar
Website: http://qcpages.qc.cuny.edu/~zakeri/seminar.html
Meets: 2:00PM - 3:00PM, Rm. 5417
Speaker: TBA
Title: TBA

NY Group Theory Seminar
Website: https://sites.google.com/site/nygrouptheory/spring
Meets: 4:00PM - 5:00PM, Rm. 4102
Speaker: E. Zelmanov (U. California, San-Diego)
Title: "We will discuss groups satisfying pro-p and prounipotent identities: examples, theory and possible applications"

Mathematical Physics, Fourier Analysis
Website: http://wfs.gc.cuny.edu/myarmolinksy/friday_seminar.html
Meets: 4:15PM - 5:15PM (talk) and 5:15PM - 5:30PM (discussion) Rm. 4422
Speaker: Arthur Parzygnat (The City College and The Graduate Center of CUNY)
Title: "From observables and states to Hilbert space and back: a 2-categorical adjunction"

MONDAY, MAY 16TH

Study Group on Toric and Spherical Varieties
Website: http://bvans.net/ws/
Meets: 5:00PM - 6:00PM, Rm. 4214.03
Speaker: Bart Van Steirteghem (MEC)
Title: “Okounkov bodies on spherical varieties, part 2”

TUESDAY, MAY 17TH

CUNY Geometry & Topology Seminar
Website: http://comet.lehman.cuny.edu/behrstock/seminar/
Meets: 4:15PM - 6:15PM, Rm.3212
Speaker: Amir Mohammadi (Texas)
Title: TBA
THURSDAY, MAY 19TH

The Langlands Program Seminar
Website: http://twong.ws.gc.cuny.edu/langlands/
Meets: 12:00PM - 1:00PM, Rm. 4214.03
Speaker: TBA
Title: TBA

FRIDAY, MAY 20TH

Number Theory Student Seminar
Meets: 10:00AM - 11:00AM, Rm. 4419
Speaker: Kevin Johnson
Title: TBA

Extremal Length Seminar
Meets: 10:30AM - 12:00PM, Rm. 4214.03
Speaker: Jun Hu (Brooklyn college and The Graduate Center of CUNY)
Title: "A gluing lemma and its applications to subspaces of universal Teichmueller space"

Model Theory Seminar
Website: http://nylogic.org/model-theory
Meets: 12:30PM - 1:45PM, Rm. 6417
Speaker: Mahmood Sohrabi (Stevens Institute of Technology)
Title: "ω-stability and Morley rank of bilinear maps, rings and nilpotent groups"

FRIDAY, MAY 27TH

Model Theory Seminar
Website: http://nylogic.org/model-theory
Meets: 12:30PM - 1:45PM, Rm. 6417
Speaker: Jana Marikova (Western Illinois University)
Title: TBA

Special Events

Tuesday, May 24 - Friday, May 27
14th Annual Workshop on Combinatorial and Additive Number Theory (CANT 2016)
For speakers, their abstracts, and the schedule, go to wwwtheoryofnumbers.com