CUNY Mathematics Seminars Bulletin - CUNY Ph.D. Program in Mathematics
-------------- Fall 2015 | No. 2| Tuesday, Sept. 8, 2015 -------------

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. Note: A pdf version of this bulletin is attached in case the formatting of the text below is thrown off on your screen.

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WEDNESDAY, SEPT. 9TH

Langlands Program Learning Seminar
website: http://twong.ws.qc.cuny.edu/langlands/
Meets: 2:00PM - 3:00PM, Rm. 3212
Title: "Beyond Endoscopy, II"

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FRIDAY, SEPT. 11TH

Set Theory Seminar
website: http://nylogic.org/set-theory
Meets: 10:00AM - 12:00PM, Rm. 3212
Speaker: Kameryn Williams (The CUNY Graduate Center)
Title: "Admissible Covers and Compactness Arguments for Ill-founded Models of Set Theory"

Kolchin Seminar in Differential Algebra
website: http://www.sci.ccny.cuny.edu/~ksda/gradcenter.html
Meets: 10:15AM - 12:30PM, Rm. 5382
Speaker: Xing Gao (Lanzhou Univ. China & Rutgers Univ. at Newark)
Title: "Integro - Differential Algebra of Combinatorial Species"

Model Theory Seminar
website: http://nylogic.org/model-theory
Meets: 12:30PM - 1:45PM, Rm. 6417
Speaker: Russell Miller (The City Univ. of New York)
Title: "Degree Spectra of Real Closed Fields"

Complex Analysis and Dynamics Seminar
website: http://qcpages.qc.cuny.edu/~zakeri/seminar.html
Meets: 2:00PM - 3:30PM, Rm. 5417
Speaker: Rodrigo Trevino (NYU)
Title: "Quasicrystals, Ergodic Theory and Cohomology"

CUNY Representation Theory Seminar
website: https://sites.google.com/site/cunyrt/
Meets: 2:00PM - 3:30PM, Rm. 3209
Speaker: Tim Coppel
Title: "An Overview of the Vershik/Okounkov Approach to the Representation Theory of the Symmetric Groups, I"

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: Max Yarmolinsky (College of Staten Island & The CUNY Graduate Center)
Organizational Meeting

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**TUESDAY, SEPT. 15TH**

Non-Linear Analysis Seminar & Study Group
website: [http://www.math.csi.cuny.edu/~mlucia/GCactivities.html](http://www.math.csi.cuny.edu/~mlucia/GCactivities.html)
Meets: 1:00PM - 3:00PM, Rm. 5417
Speaker: Tarek M. Elgindi (Princeton Univ.)
Title: "Recent Results on the Transport Equation"

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**WEDNESDAY, SEPT. 16TH**

Langlands Program Learning Seminar
Meets: 10:30AM - 12:00PM, Rm. 3212
Title: TBA

Differential Geometry Seminar
website: [http://qcpages.qc.cuny.edu/~dlee2/seminar.html](http://qcpages.qc.cuny.edu/~dlee2/seminar.html)
Meets: 2:45PM - 4:00PM, Rm. 6496
Speaker: Raquel Perales (Stony Brook University)
Title: "Gromov-Hausdorff and Intrinsic Flat Limits Agreeing for Sequences of Manifolds with Nice Boundary"

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**THURSDAY, SEPT. 17TH**

Symbolic-Numeric Computing Seminar
website: [http://qcpages.qc.cuny.edu/~aovchinnikov/seminar.html](http://qcpages.qc.cuny.edu/~aovchinnikov/seminar.html)
Meets: 3:15PM - 4:10PM, Rm. 9116
Speaker: Erich Kaltofen (North Carolina State Univ.)
Title: "Hybrid Symbolic-Numeric Computation: a Marriage Made in Heaven"

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**FRIDAY, SEPT. 18TH**

New York Combinatorics Seminar
Meets: 11:00AM - 12:00PM, Rm. 3308
Speaker: Steve Butler (Iowa State Univ.)
Title: "Aspects of the Normalized Laplacian Matrix"
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: Enrique Pujols (IMPA & The Graduate Center)  
Title: TBA

CUNY Logic Workshop  
website: [http://nylogic.org/workshop](http://nylogic.org/workshop)  
Meets: 2:00PM - 3:45PM, Rm. 6417  
Speaker: Victoria Gitman (The City Univ. of New York)  
Title: "Ehrenfeucht Principles in Set Theory"

Mathematical Physics, Fourier Analysis, and Application Seminars  
website: [https://wfs.qc.cuny.edu/myarmolinksy/friday_seminar.html](https://wfs.qc.cuny.edu/myarmolinksy/friday_seminar.html)  
Meets: 4:00PM - 5:30PM, Rm. 4422  
Speaker: Ankit Parekh (New York Univ.)  
Title: "Convex Non-Convex Low-Rank Matrix Completion and Approximation"

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THURSDAY, SEPT. 24TH

Symbolic-Numeric Computing Seminar  
website: [http://qcpages.qc.cuny.edu/~aovchinnikov/seminar.html](http://qcpages.qc.cuny.edu/~aovchinnikov/seminar.html)  
Meets: 3:15PM - 4:10PM, Rm. 9116  
Speaker: Agnes Szanto (North Carolina State Univ.)  
Title: “Symbolic-Numeric Certification of Overdetermined and Singular Polynomial Systems”

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FRIDAY, SEPT. 25TH

Set Theory Seminar  
Meets: 10:00AM - 12:00PM, Rm. 3212  
No meeting today

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  
No meeting today

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: Tim Coppel  
Title: "An Overview of the Vershik/Okounkov Approach to the Representation Theory of the Symmetric Groups, II"

Mathematical Physics, Fourier Analysis, and Application Seminars  
website: [https://wfs.qc.cuny.edu/myarmolinksy/friday_seminar.html](https://wfs.qc.cuny.edu/myarmolinksy/friday_seminar.html)  
Meets: 4:00PM - 5:30PM, Rm. 4422  
Speaker: Arthur Paraznygat (The CUNY Graduate Center)
Title: "The Mathematics of the Berry Phase: an Introduction to Vector Bundles with Connection"