

	A	B	C	D	E
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2	Outside Speakers Supported by MRI				
3	Academic Year 2013-2014				
4					
5	<b>Seminars</b>				
6	Name	Seminar	Talk Title	Date of Visit	Home Institution
7	Anda Degeratu	Algebraic Geometry	Crepant resolutions of Calabi-Yau orbifolds	9/17/2013	Universitat Freiburg
8	Somnath Basu	Algebraic Geometry/Topology	Counting curves and the Euler class	11/19/2013	Binghamton University
9	Damiano Fulghesu	Algebraic Geometry	The integral Chow ring of quotient stacks	1/28/2014	Minnesota State University
10	Angela Gibney	Algebraic Geometry	Nonzero-ness of conormal blocks divisors	3/18/2014	University of Georgia
11	Qile Chen	Algebraic Geometry	$A^1$ -curves on quasi-projective varieties	3/26/2014	Columbia University
12	Evgeny Gorsky	Algebraic Geometry	Hilbert schemes of singular curves and Catalan	3/25/2014	Columbia University
13	Reza Khtar	Algebraic Geometry	Betti numbers of secant powers of the edge ideal of a graph	4/1/2014	Miami University
14	George Pappas	Algebraic Geometry	An adelic Riemann-Roch theorem	4/7/2014	Michigan State University
15	Noah Giansiracusa	Algebraic Geometry	A simplicial approach to effective divisors in $M_{0,n}^-$	4/22/2014	Berkeley University
16	David Jensen	Algebraic Geometry	Tropical Brill-Noether Theory and the Gieseker-Petri Theorem	4/22/2014	Yale University and University of Kentucky
17					
18	Plamen Djakov	Analysis and Operator Theory	Asymptotics of spectral deviations for Hill operators	9/3/2013	Sabanci University
19	Guo Luo	Analysis and Operator Theory	Potentially Singular Solutions of the 3D Incompressible Euler Equations	10/3/2013	Caltech
20	Petr Siegl	Analysis and Operator Theory	Damped wave equation with unbounded damping	7/19/2013	University of Bern
21	Richard Aron	Analysis and Operator Theory	p-Compact Holomorphic Mappings	10/16/2013	Kent State University
22	Alexander Turbiner	Analysis and Operator Theory	A new family of planar solvable and integrable Schroedinger equations	11/5/2013	UNAM
23	Lance Littlejohn	Analysis and Operator Theory	Legendre polynomials and Legendre-Stirling Numbers	4/30/2014	Baylor University
24	Joel Lebowitz	Analysis and Operator Theory	Central Limit Theorems and Lee-Yang Zeros	4/25/2014	Rutgers University
25					
26	Dongbin Xiu	Applied Math	Stochastic Computing and Uncertainty Quantification: Algorithms and Challenges	10/3/2013	University of Utah

	A	B	C	D	E
27	Yulong Xing	Applied Math	Asymptotic preserving discontinuous Galerkin method for the radiative transfer equation	10/10/2013	University of Tennessee, Knoxville
28	Guowei Wei	Applied Math	Multiscale multiphysics and multidomain models for biomolecules	10/31/2013	Michigan State University
29	Qi Wang	Applied Math	Modeling interaction between biofilms and the ambient fluid matrix using a multiphase complex fluid model	11/7/2013	University of South Carolina
30	Richard Braun	Applied Math	Modeling and Dynamics of the Tear Film	12/5/2013	University of Delaware
31	Wanda Strychalski	Applied Math		1/22/2014	Case Western Reserve University
32	Xingjie Li	Applied Math	Positive-definiteness of the Blended Force-Based Quasicontinuum Method	3/27/2014	Brown University
33	YunYun Yang	Applied Math	Split Bregman method for minimization of improved active contour model combining local and global information dynamically	4/3/2014	Harbin Institute of Technology
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35	Dhruv Mubayi	Combinatorics	Stochastic Computing and Uncertainty Quantification: Algorithms and Challenges	10/3/2013	University of Illinois-Chicago
36	Bruno Benedetti	Combinatorics	Random Discrete Morse Theory	10/16/2013	Freie Universitat Berlin
37	Alexander Barvinok	Combinatorics	Computing partition functions in soft versions of hard problems	10/23/2013	University of Michigan
38	Mark Rudelson	Combinatorics	Permanent Estimators via Random Matrices	1/27/2014	University of Michigan
39	Michael Damron	Combinatorics	Coarsening models on $Z^d$	1/30/2014	Indiana University
40	David Galvin	Combinatorics	Entropy and Counting	2/13/2014	University of Notre Dame
41	Nevena Maric	Combinatorics	Construction of multivariate distributions with given marginals and correlation	2/27/2014	University of Missouri-St. Louis
42	Jonathan Peterson	Combinatorics	Extreme slowdowns for excited random walks	3/6/2014	Purdue University
43	Jeff Kahn	Combinatorics	Some sparse random things	3/20/2014	Rutgers University
44	Arnab Sen	Combinatorics	Continuous spectra for sparse random graphs	4/3/2014	University of Minnesota
45	Tom Bohman	Combinatorics	Dynamic Concentration in random greedy processes	4/17/2014	Carnegie Mellon University
46	Turgay Bayraktar	Combinatorics	Distribution of Zeros of Random Polynomials	6/9/2014	Indiana University
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	A	B	C	D	E
48	Marcus Khuri	Differential Geometry	The mass-angular momentum inequality for asymptotically flat and asymptotically hyperbolic initial data	4/2/2014	SUNY Stony Brook
49	Richard Wentworth	Differential Geometry	The Yang-Mills flow on Kaehler manifolds	4/9/2014	University of Maryland
50	Mohammad Ghomi	Differential Geometry	Tangent lines, inflections, and vertices of closed curves	4/8/2014	Georgia Tech
51	Lu Xu	Differential Geometry	Brunn-Minkowski inequalities and related problems	4/16/2014	Chinese Academy of Sciences
52	Huang Yong	Differential Geometry	The $L_p$ Minkowski problem	4/17/2014	Chinese Academy of Sciences
53					
54	Vaughn Climenhaga	Ergodic Theory/Probability	SRB measures, unstable manifolds, and effective hyperbolicity	9/12/2013	University of Houston
55	Tamara Kucherenko	Ergodic Theory/Probability	Localized Pressure and Equilibrium States	10/10/2013	CUNY
56	Federico Rodriguez Hertz	Ergodic Theory/Probability	Some new constructions in partially hyperbolic dynamics	10/24/2013	Penn State
57	Robert Niemeyer	Ergodic Theory/Probability	Modeling interaction between biofilms and the ambient fluid matrix using a multiphase complex fluid model	11/7/2013	University of New Mexico
58	Ronnie Pavlov	Ergodic Theory/Probability	Topologically completely positive entropy for shifts of finite type	11/20/2013	University of Denver
59	Dmitry Burago	Ergodic Theory/Probability	Just so stories (R. Kipling)	3/20/2014	Penn State
60	Younghwan Son	Ergodic Theory/Probability	Joint ergodicity along generalized linear functions	5/29/2014	Weizmann Institute
61					
62	Kathryn Mann	Geometric Group Theory	Components of representation spaces	9/19/2013	University of Chicago
63	Olympia Talelli	Geometric Group Theory	On characteristic modules for groups	11/21/2013	University of Athens
64	Allan Edmonds	Geometric Group Theory	Introduction to Haken n-manifolds	2/25/2014	Indiana University
65	Tam Nguyen Phan	Geometric Group Theory	Ends of finite volume, negatively curved manifolds	4/17/2014	Binghamton University
66					
67	Ravindra Girivaru	K-Theory and Motivic Homotopy Theory	Infinitesimal Weak Lefschetz theorem for Chow groups	10/25/2013	University of Missouri
68	Marc Hoyois	K-Theory and Motivic Homotopy Theory	Traces and fixed points in stable motivic homotopy theory	11/12/2013	Northwestern
69	Jeremiah Heller	K-Theory and Motivic Homotopy Theory			
70	Bert Guillou	K-Theory and Motivic Homotopy Theory		3/25/2014	University of Kentucky

	A	B	C	D	E
71	Ben Williams	K-Theory and Motivic Homotopy Theory			University of British Columbia
72					
73	Mingzhong Cai	Logic	Degrees of relative provability	9/17/2013	University of Wisconsin, Madison
74	Chris Conidis	Logic	Computable Algebra: A Personal Perspective	10/29/2013	Vanderbilt
75	Denis Hirschfeldt	Logic	Computability Theoretic Reduction between $\Pi^1_2$ Principles	3/18/2014	University of Chicago
76					
77	Farrell Brumley	Number Theory	Counting Cusp Forms by Analytic Conductor	1/8/2014	Universite Paris 13
78	Joseph Vandehey	Number Theory	The unexpected strength of continued fractions on the Heisenberg group	2/3/2014	University of Georgia at Athens
79	Micah Milinovich	Number Theory	Estimates for the zeros of Riemann zeta-function via Fourier analysis	2/17/2014	University of Mississippi
80	Maksym Radziwill	Number Theory	Some recent interactions between sieves and L-functions	2/10/2014	Institute of Advanced Study
81	Djordje Milicevic	Number Theory	Sub-Weyl subconvexity and short p-adic exponential sums	2/24/2014	Bryn Mawr College
82	Steve Miller	Number Theory	Closed-form moments in elliptic curve families and low-lying zeros	3/24/2014	Williams College
83	Tim Browning	Number Theory	The arithmetic of large-dimensional varieties is easy	3/17/2014	University of Bristol (UK)
84	Adam Harper	Number Theory	Sharp bounds for moments of the Riemann zeta function	3/31/2014	University of Cambridge
85	Michael Rubinstein	Number Theory	Moments of zeta functions associated to hyperelliptic curves	4/21/2014	University of Waterloo
86					
87	Mariana vega Garcia	PDE	New developments in the thin obstacle problem with Lipschitz coefficients	11/13/2013	Purdue University
88	Stephen Preston	PDE	Higher-dimensional Hunter-Saxton and Camassa-Holm equations	2/26/2014	University of Colorado - Boulder
89	Yaping Wu	PDE	Steady States and Traveling Waves for SKT Competition Model with Cross-Diffusion	3/20/2014	Capital Normal University
90	Xiangwen Zhang	PDE	A Proof of the Alexanderov's Uniqueness Theorem for Convex Surfaces in $\mathbb{R}^3$	3/19/2014	Columbia University
91	Wei Zhou	PDE	On the regularity for the Dirichlet problem for degenerate Hessian equations	4/23/2014	University of Minnesota
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	A	B	C	D	E
93	Semra Dogruoz	Ring Theory	Some directions on modules with unique closures	9/6/2013	Adnan Menderes University
94	Andre Leroy	Ring Theory	Quasi Euclidean rings	10/11/2013	Universite d'Artois
95	Greg Oman	Ring Theory		10/25/2014	University of Colorado - Colorado Springs
96	Sergio Lopez-Permouth	Ring Theory	Algebras Having Bases that Consist entirely of Units	12/6/2013	Ohio University
97	Gangyong Lee	Ring Theory	On L-Rickart Modules	1/17/2014	Sungkyunkwan University
98	Sergio Lopez-Permouth	Ring Theory	Algebras having bases that consist entirely of units	1/31/2014	Ohio University
99	Gonzalo Aranda-Pino	Ring Theory	Leavitt path algebras of generalized Cayley graphs	2/28/2014	Universidad de Malaga
100	Nick Pilewski	Ring Theory	Leavitt Path Algebras with Bases Consisting Solely	3/7/2014	Ohio University
101	Manuel Reyes	Ring Theory	Diagonalizing matrices over operator algebras with many projections	3/21/2014	Bowdoin College
102	Joseph Mastromatteo	Ring Theory	Pure-injectivity from an alternative perspective	4/4/2014	Ohio University
103					
104	Wouter van Limbeek	Topology	Riemannian manifolds with local symmetry	10/22/2013	University of Chicago
105	Xiaolei Wu	Topology	Farrell-Jones conjecture for Baumslag-Solitar groups	11/12/2013	Binghamton University
106	Somnath Basu	Topology	The closed geodesic problem for four manifolds	11/19/2013	Binghamton University
107	Stratos Prassidis	Topology	Equivariant Rigidity of Quasi-toric Manifolds	12/10/2013	University of the Aegean
108	David Constantine	Topology	On Volumes of Compact Anti-de Sitter 3-manifolds	1/14/2014	University of Chicago
109	Effie Kalfagianni	Topology	Geometric structures and stable coefficients of Jones knot polynomials	3/24/2014	Michigan State University
110					
111	Sanjeevi Krishnan	Topology-Geometry-Data	Directed Poincare Duality	10/18/2013	University of Pennsylvania
112	Vidit Nanda	Topology-Geometry-Data	Discrete Morse theory for computing homology groups	10/25/2013	University of Pennsylvania
113	Peter Bubenik	Topology-Geometry-Data	A Central Limit Theorem for Topology	11/15/2013	Cleveland State University
114	Matthew Wright	Topology-Geometry-Data	Hadwiger Integration and Applications	11/22/2013	Institute for Mathematics and its Applications
115	Amit Patel	Topology-Geometry-Data	Persistent Sheaves	2/28/2014	University of Minnesota
116	Liz Munch	Topology-Geometry-Data	A Distance Measure on Reeb Graphs	4/11/2014	IMA, University of Minnesota

	A	B	C	D	E
117	Vin de Silva	Topology-Geometry-Data	Lipschitz extensions and higher-order metric certificates	4/18/2014	Pomona College
118	Pawel Dlotko	Topology-Geometry-Data	Discrete Morse Theory and Persistent Homology	5/2/2014	University of Pennsylvania
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120	<b>Short Term Visitors</b>				
121					
122	Petr Siegl	Short Term Visitor		7/18/13 - 7/23/13	University of Bern
123	Graham Denham	Short Term Visitor		7/14/13 - 7/19/13	University Western Ontario
124	Max Forester	Short Term Visitor		7/15/13 - 7/20/13	University Oklahoma
125	Marcus Slupinski	Short Term Visitor		10/25/13 - 11/12/13	University de Strasbourg
126	Bruno Benedetti	Short Term Visitor		10/14/13 - 10/18/13	Freie Universitat Berlin
127	Alexander Gorokhovsky	Short Term Visitor		1/5/14 - 1/11/14	University of Colorado
128	Ivan Matic	Short Term Visitor		3/25/14 - 3/28/14	Baruch College
129	Paul Bourgade	Short Term Visitor		4/7/14 - 4/10/14	Institute for Advanced Study
130	Caterina Consani	Short Term Visitor		5/4/14 - 5/13/14	Johns Hopkins University
131	Sudumar Das Adhikari	Short Term Visitor		5/25/14 - 5/28/14	Harish Chandra Research Institute
132	Andras Nemethi	Short Term Visitor		6/9/14 - 6/12/14	Renyi Mathematical Institute of the Hungarian Academy of Sciences and University of Budapest
133	Marcus Slupinski	Short Term Visitor		6/3/14 - 6/25/14	University de Strasbourg
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135	<b>Long Term Visitors</b>				
136	Inger Haaland-Knutson	Long Term Visitor		7/14/13 - 7/28/13	University of Agder
137	Antonio Cigliola	Long Term Visitor		7/25/13 - 8/20/13	University of Rome III
138	Plamen Djakov	Long Term Visitor		7/15/13 - 9/10/13	Sabanci University
139	Jenia Tevelev	Long Term Visitor		9/17/13 - 10/9/13	University of Amherst
140	Amalendu Krishna	Long Term Visitor		11/1/13 - 11/30/13	Tata Institute for Fundamental Research
141	Marco Fontelos	Long Term Visitor		11/2/13 - 11/17/13	Universidad Politecnica de Madrid
142	Yasser Ibrahim	Long Term Visitor		12/27/13 - 1/31/14	Cairo University
143	Chao Zhang	Long Term Visitor		1/15/14 - 5/14/14	Harbin Institute of Technology
144	Tam Nguyen Phan	Long Term Visitor		4/14/14 - 4/25/14	Binghamton University
145	Jean Ecalte	Long Term Visitor		6/9/14 - 6/21/14	Universite Paris-Sud
146					
147	<b>Distinguished Visitors</b>				
148	Thomas Spencer	Rado Lecturer	The Search for Order in Disordered Systems	10/27/13 - 10/31/13	Institute for Advanced Study

	A	B	C	D	E
149	Alex Lubotzky	Zassenhaus Lecturer	High Dimensional Expanders	1/27/14 - 1/29/14	Einstein Institute of Mathematics
150	Alain Connes	Distinguished Visiting Professor	The Arithmetic Site	5/4/14 - 5/13/14	Collège de France, IHES, The Ohio State University Distinguished Professor of Mathematics