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1					
2	Visitors Supported by MRI				
3	2015-2016				
4					
5	**Seminars**				
6	Name	Seminar	Talk Title	Date of Visit	Home Institution
7	Kiumars Kaveh	Algebraic Geometry	Toric degenerations and symplectic geometry of projective varieties	9/22/2015	University of Houston
8	Laura Escobar	Algebraic Geometry	Brick varieties and the toric variety of the associahedron	10/13/2015	University of Illinois
9	Dhruv Ranganathan	Algebraic Geometry	Skeletons, degenerations, and Gromov-Witten theory	10/20/2015	Yale University
10	Kelly Jabbusch	Algebraic Geometry	Toric vector bundles and parliaments of polytopes	11/3/2015	University of Michigan
11	Anand Deopurkar	Algebraic Geometry	Limits of plane curves via stacky branched covers	11/10/2015	Columbia University
12	Andrew Schaug	Algebraic Geometry	Enumerative Dualities for a Family of Calabi-Yau Threefolds	1/19/2016	University of Michigan
13	Asilata Bapat	Algebraic Geometry	The Bernstein-Sato polynomial and the Strong Monodromy Conjecture	2/9/2016	University of Chicago
14	Jesse Kass	Algebraic Geometry	How to count zeros arithmetically?	2/16/2016	University of North Carolina
15	Claudiu Raicu	Algebraic Geometry	Bernstein-Sato polynomials for maximal minors and sub-maximal Pfaffians	2/23/2016	University of Notre Dame
16	Mahir Can	Algebraic Geometry	Equivariant K-theory of smooth projective spherical varieties	3/1/2016	Tulane University
17	Zhongzhu Lin	Algebraic Geometry	Hall algebras: algebraic and geometric variations.	3/22/2016	Kansas State University
18	James Lewis	Algebraic Geometry	The Business of Hodge Theory and Algebraic Cycles	3/14/2016	University of Alberta
19	Bo Lin	Algebraic Geometry	Computing linear systems on metric graphs	3/29/2016	UC Berkeley
20	Adrian Zahariuc	Algebraic Geometry	Deformation of Quintic Threefolds to the Chordal Variety	4/19/2016	Harvard University
21	Jennifer Park	Algebraic Geometry	Effective Chabauty for symmetric powers of curves	4/26/2016	University of Michigan
22					
23	Petr Gurka	Analysis and Operator Theory	On some Hardy-type inequalities	9/8/2015	Czech University of Life
24	Lorena Lopez	Analysis and Operator Theory	Parabolic curves of diffeomorphisms asymptotic to formal invariant curves	9/15/2015	Universidad Federal de Minas Gerais
25	Lubos Pick	Analysis and Operator Theory	Traces of Sobolev functions - old and new	9/22/2015	Charles University

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26	Pavel Drabek	Analysis and Operator Theory	On the structure of the second eigenfunctions of the p-Laplacian on a ball	10/27/2015	University of West Bohemia
27	Paul Eloe	Analysis and Operator Theory	Comparisons of Green's functions for families of boundary value problems for higher order differential equations	11/24/2015	University of Dayton
28	Vit Musil	Analysis and Operator Theory	Optimality of Orlicz Domain in Sobolev Embeddings	11/25/2015	Charles University
29	Danqing He	Analysis and Operator Theory	Rough bilinear singular integrals	12/15/2015	University of Missouri - Columbia
30	Peter Takac	Analysis and Operator Theory	On Compact Support Solutions to Parabolic Problems with the p -Laplacian for $p>2$ and Their "Counterparts" for $p<2$	2/23/2016	University Rostock
31	Gerald Dunne	Analysis and Operator Theory	Resurgence relations in quantum spectral problems	3/23/2016	University of Connecticut
32	Sarka Necasova	Analysis and Operator Theory	On the problem of singular limit of the Navier-Stokes-Fourier system coupled with radiation or with electromagnetic field	3/24/2016	Academy of Sciences of the Czech Republic
33	Philip Korman	Analysis and Operator Theory	Infinitely many solutions for three classes of self-similar equations, with the p -Laplace operator	3/29/2016	University of Cincinnati
34	Loukas Grafakos	Analysis and Operator Theory	Multilinear Interpolation from one Initial Estimate	5/4/2016	University of Missouri - Columbia
35	Javier Gomez-Serrano	Analysis and Operator Theory	Global smooth solutions for the inviscid SQG	4/19/2016	Princeton University
36					
37	Minh-Binh Tran	Applied Math	Nonlinear approximation theory for the homogeneous Boltzmann equation	10/1/2015	University of Wisconsin - Madison
38	Dexuan Xie	Applied Math	New Nonlocal Continuum Dielectric Models and Fast Solvers for Electrostatics of Ionic Solved Proteins	10/8/2015	University of Wisconsin - Milwaukee
39	Yongtao Zhang	Applied Math	Krylov implicit integration factor methods for high order and high dimensional spatial discretizations and their applications	10/22/2015	University of Notre Dame
40	Qing Nie	Applied Math	Stem Cell Systems: Interplay Between Complex Data and Models	11/19/2015	University of California - Irvine
41	Hengguang Li	Applied Math	Finite Element Approximations of Singular Solutions in W^1_p	12/10/2015	Wayne State University
42	Andre Nachbin	Applied Math	The uncertain trajectory of a pilot-wave	1/21/2016	MIT/IMPA

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43	Philip Maini	Applied Math	Case studies in mathematical modelling of solid tumours	2/18/2016	University of Oxford
44	Yongcheng Zhou	Applied Math	Curvature Driven Molecular Localization on Membrane Surfaces	4/21/2016	Colorado State University
45	Sookkyung Lim	Applied Math	Modeling hydrodynamic interaction of filamentous structures	4/10/2016	University of Cincinnati
46	Xueying Wang	Applied Math	Mathematical models for the Trojan Y-Chromosome eradication strategy of an invasive species	4/7/2016	Washington State University
47					
48	Zach Hamaker	Combinatorics	Involution words- a survey	10/22/2015	IMA/University of Minnesota
49	Rachel Karpman	Combinatorics	Total positivity for the Lagrangian Grassmannian	11/5/2015	University of Michigan
50	Shirshendu Chatterjee	Combinatorics	Phase transition for the threshold contact process, an "annealed approximation" of heterogeneous random Boolean networks	1/28/2016	CUNY
51	Florian Frick	Combinatorics	On Tverberg-type theorems	3/3/2016	Cornell University
52	Nick Travers	Combinatorics	Choice and Order in Random Permutations	4/21/2016	Indiana University
53	Philip Wood	Combinatorics	Perturbations of Random Matrices	6/1/2016	University of Wisconsin - Madison
54	Sean O'Rourke	Combinatorics	Eigenvectors of random matrices	6/9/2016	University of Colorado
55					
56	Lee Klingler	Commutative Algebra	Local Types of Pr\"ufer Rings	9/28/2015	Florida Atlantic University
57	Thomas Lucas	Commutative Algebra	Additively Regular Rings and Marot Rings	10/5/2015	University of North Carolina-Charlotte
58	William Heinzer	Commutative Algebra	Generic plane curves, infinitely near points and local quadratic transforms.	10/12/2015	Purdue University
59	Matthew Toeniskoetter	Commutative Algebra	Directed Unions of Local Quadratic Transforms	11/16/2015	Purdue University
60	James Coykendall	Commutative Algebra	Factorization with certain finiteness conditions	2/22/2016	Clemson University
61	Carmelo Finocchiaro	Commutative Algebra	General Topology and Flatness	3/21/2016	Technical University of Graz
62	David Dobbs	Commutative Algebra	Constructing and Deconstructing FIP Extensions	4/18/2016	University of Tennessee
63					
64	Zhenghui Huo	Complex Analysis	The Bergman kernel on some Hartogs domains	10/7/2015	University of Illinois-Champaign Urbana
65	Yunus Zeytuncu	Complex Analysis	Compactness of Hankel, Toeplitz and the $\bar{\partial}$-Neumann operators on domains in C_n	3/2/2016	University of Michigan

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66	Debraj Chakrabarti	Complex Analysis	L^2-cohomology of annuli and Sobolev estimates for the $\bar{\partial}$-problem	3/9/2016	Central Michigan University
67	Dror Varolin	Complex Analysis	Berndtsson's Convexity Theorem and the L^2 Extension Theorem	3/30/2016	SUNY Stony Brook
68					
69	Wolfgang Ziller	Differential Geometry	Geometry and topology of isometric group actions	11/12/2015	University of Pennsylvania
70					
71	Aaron Brown	Ergodic Theory	From entropy to rigidity: applications to lattice actions	9/17/2015	University of Chicago
72	Jana Rodriguez-Hertz	Ergodic Theory	Partially hyperbolic diffeomorphisms in 3-manifolds	10/29/2015	IMERL-Uruguay
73	Younghwan Son	Ergodic Theory	Ergodic sum fluctuations in substitution dynamical systems	10/29/2015	Korean Institute of Advanced Study
74	Giulio Tiozzo	Ergodic Theory	The core entropy of quadratic polynomials	12/3/2015	Yale University
75	Mike Todd	Ergodic Theory	Continuity of measures	2/10/2016	University of St. Andrews
76	Jon Fraser	Ergodic Theory	Inhomogeneous iterated function systems	3/17/2016	Brown University
77	Ben Webb	Ergodic Theory	Isospectral Network Reductions	4/5/2016	Brigham Young University
78	Michael Misiurewicz	Ergodic Theory	Entropy locking	4/29/2016	IUPUI
79					
80	Valentina Disarlo	Geometric Group Theory	On the geometry of the flip graph	10/22/2015	Indiana University
81	Nick Salter	Geometric Group Theory	4-manifolds can be surface bundles over surfaces in many ways	10/29/2015	University of Chicago
82	Jeff Meyer	Geometric Group Theory	Geodesics & Surfaces: A Rigid Interaction	11/11/2015	University of Oklahoma
83	Wouter van Lilmbeek	Geometric Group Theory	Rigidity of convex divisible domains in flag manifolds	12/3/2015	University of Michigan
84	Yago Antolin-Pichel	Geometric Group Theory	The Dehn fillings theorem and applications	12/11/2015	Vanderbilt University
85	Genevieve Walsh	Geometric Group Theory	Boundaries of Kleinian groups	12/10/2015	Tufts University
86	Elizabeth Fink	Geometric Group Theory	Morse geodesics in lacunary hyperbolic groups	1/14/2016	University of Ottawa
87	Patrick Reynolds	Geometric Group Theory	Boundaries of some hyperbolic Out(F)-graphs	2/4/2016	Miami University
88	Anton Lukyanenko	Geometric Group Theory	Diophantine approximation in the Heisenberg group	2/11/2016	University of Michigan
89	Tulia Dymarz	Geometric Group Theory	Day's fixed point theorem, group cohomology and quasi-isometric rigidity	4/28/2016	University of Wisconsin
90	Mauricio Bustamante	Geometric Group Theory	Smooth bundles with nonpositively curved fibers	6/7/2016	Binghamton University
91					
92	Reza Akhtar	K-Theory and Motivic Homotopy Theory	Explicit motivic decompositions for Kummer varieties and manifolds	11/5/2015	Miami University

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93	Ivan Kobyzev	K-Theory and Motivic Homotopy Theory	G-theory of root stacks and its application to equivariant K-theory.	11/19/2015	University of Western Ontario
94	Ben Knudsen	K-Theory and Motivic Homotopy Theory	Rational homology of configuration spaces via factorization homology	11/12/2015	Northwestern
95	Philip Egger	K-Theory and Motivic Homotopy Theory	Computations in 2-local stable homotopy theory	12/3/2015	Northwestern
96	Andrew Salch	K-Theory and Motivic Homotopy Theory	The May spectral sequence for topological Hochschild homology	2/16/2016	Wayne State University
97	James Lewis	K-Theory and Motivic Homotopy Theory	The Business of Hodge Theory and Algebraic Cycles	3/14/2016	University of Alberta
98	Prasit Bhattacharya	K-Theory and Motivic Homotopy Theory	On the spectrum that admits 1-periodic v_2-self-map at the prime 2	3/31/2016	University of Notre Dame
99					
100	Yiannis Sakellaridis	Lie Theory	Paley-Wiener theorems for p-adic spherical varieties	9/23/2015	Rutgers University at Newark
101	David Soudry	Lie Theory	On Rankin-Selberg integrals for classical groups	12/2/2015	Tel Aviv University (currently visiting Columbia)
102	Mahdi Asgari	Lie Theory	Local Langlands Correspondence for Small Rank GSpin Groups	3/30/2016	Cornell University
103	Yuanqing Cai	Lie Theory	Fourier Coefficients for Generalized Theta Representations	4/6/2016	Boston College
104	Beth Romano	Lie Theory	Representations of p-adic groups via geometric invariant theory	4/20/2016	Boston College
105					
106	Caroline Terry	Logic	Some new logical zero-one laws	10/27/2015	University of Illinois-Chicago
107	Gabriel Conant	Logic	Model theory of generalized Urysohn spaces	10/13/2015	Notre Dame
108	Sherwood Hochtman	Logic	The level-by-level strength of Borel determinacy	11/3/2015	University of Illinois - Chicago
109	Greg Igusa	Logic	Reducibilities utilizing incomplete or imperfect information	12/1/2015	Notre Dame
110	Trevor Wilson	Logic	A closure property of derived models	3/1/2016	Miami University
111	Philipp Hieronymi	Logic	Diophantine approximation, scalar multiplication and decidability	3/22/2016	UIUC
112	Patrick Speissegger	Logic	Quasianalytic Ilyashenko algebras (continued)	5/17/2016	McMaster University
113					
114	Rudy Rodsphon	Noncommutative Geometry	Mappings between (local) index theories	1/28/2016	Vanderbilt
115	Nigel Higson	Noncommutative Geometry	Contractions of Lie Groups and Representation Theory	3/24/2016	Penn State

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116	Alex Gorokhovsky	Noncommutative Geometry	Differential K-theory	4/6/2016	University of Colorado - Boulder
117	Caterina Consani	Noncommutative Geometry	On the geometry of the adele class space of Q	5/3/2016	Johns Hopkins University
118					
119	Ahmad El-Guindy	Number Theory	On Power Eigensystems of Drinfeld-Goss Hecke	9/20/2015	Texas A & M at Qatar
120	Jay Jorgenson	Number Theory	Recent results in the study of groups of moonshine-type	11/2/2015	CCNY
121	Ali Altug	Number Theory	Arthur-Selberg trace formula and related problems	11/23/2015	Columbia University
122	Scott Ahlgren	Number Theory	Kloosterman sums and Maass cusp forms for half integral weight for the modular group	1/25/2016	UIUC
123	Padmavathi Srinivasan	Number Theory	Conductors and minimal discriminants of hyperelliptic curves with rational Weierstrass points	2/22/2016	MIT
124	Aaron Pollack	Number Theory	The Spin L-function on GSp(6)	3/7/2016	Stanford University
125	Jack Buttcane	Number Theory	The Kuznetsov formula on GL(3)	3/28/2016	SUNY
126	Pankaj Vishe	Number Theory	Hasse principle for higher degree hypersurfaces	4/4/2016	Durham University
127	Riad Masri	Number Theory	Singular moduli and the distribution of partition ranks	4/25/2016	Texas A & M
128					
129	Gerard Misiolek	PDE	Continuity properties of the solution map of Euler equations in Holder spaces	11/10/2015	University of Notre Dame
130	Xiaqiang Zhao	PDE	Propagation Phenomena for a Reaction-Advection-Diffusion Competition Model in a Periodic Habitat	11/3/2015	Memorial University of Newfoundland
131	Eun Heui Kim	PDE	Transonic problems in multidimensional conservation laws	11/17/2015	California State at Long Beach
132	Tong Li	PDE			
133	Katarina Jegdic	PDE	Semi-hyperbolic patches for the unsteady transonic small disturbance equation	10/20/2015	University of Houston - Downtown
134	Alex Iosevich	PDE	Tiling and exponential bases in $Z_p \times Z_p$	12/1/2015	University of Rochester
135	Xiao-Biao Lin	PDE	Spatial Dynamics and Concatenated Wave Patterns	2/2/2016	North Carolina State University
136	Glen Webb	PDE	Mathematical Analysis of a Clonal Evolution Model of Tumor Cell Proliferation	3/22/2016	Vanderbilt University
137	Horst Thieme	PDE	Persistence and minimal habitat size of sexually reproducing populations	4/5/2016	Arizona State

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138					
139	Lee Klingler	Ring Theory	On the Krull-Schmidt-Azumaya Theorem for Integral Group Rings	9/25/2015	Florida Atlantic University
140	Angel del Rio	Ring Theory	An introduction to units of integral group rings	10/1/2015	Universidad de Murcia
141	Sergio Lopez-Permouth	Ring Theory	Rings whose cyclic modules have restricted injectivity domains	10/23/2015	Ohio University
142	Gangyong Lee	Ring Theory	On piecewise prime modules	11/13/2015	Sungkyunkwan University
143	Dan Bossaller	Ring Theory	Row and Column Finite Matrices	12/4/2015	Ohio University
144	Louis Rowen	Ring Theory	Evaluations of associative and Lie polynomials on matrices	1/28/2016	Bar-Ilan
145	Jae Park	Ring Theory	Baer Module Hulls	2/19/2016	Pusan National University
146	Jonathon Brown	Ring Theory	Diagonal preserving ring *-isomorphisms of Leavitt path algebas	3/18/2016	University of Dayton
147	Erik Hieta-Aho	Ring Theory	Recognizing arbitrary rational functions amongst power series	4/8/2016	Ohio University
148					
149	Sarah Yeakel	Topology	A chain rule for Goodwillie calculus	10/27/2015	University of Illinois-Urbana Champaign
150	Hannah Alpert	Topology	Morse broken trajectories and hyperbolic volume	10/6/2015	MIT
151	Jon Beardsley	Topology	Intermediate Hopf-Galois Extensions and a New Construction of MU	11/9/2015	Johns Hopkins University
152	Kevin Schreve	Topology	Embedding Obstructions and Actions on Manifolds	12/1/2015	University of Michigan
153	Mauricio Bustamento	Topology	The space of pinched negatively curved metrics with finite volume and identical ends	12/15/2015	Binghamton University
154	Gabriel James Angelini-Knoll	Topology			Wayne State University
155	Jason de Blois	Topology	Packings of hyperbolic surfaces	2/23/2016	University of Pittsburgh
156	Nicholas Miller	Topology	Arithmetic progressions in the primitive length spectrum	3/1/2016	Purdue
157	Renato Bettiol	Topology	Multiplicity of solutions to the noncompact Yamabe problem	4/19/2016	University of Pennsylvania
158	Prasit Bhattacharya	Topology	On the spectrum that admits 1-periodic v_2-self-map at the prime 2	3/31/2016	University of Notre Dame
159	Henrik Rueping	Topology	The Farrell-Jones conjecture and bicombings	4/12/2016	University of British Columbia
160					
161	Micah Warren	Topology-Geometry-Data	Coarse and Approximate Ricci Curvatures for points clouds	3/1/2016	University of Oregon

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162	Chao Chen	Topology-Geometry-Data	Computing Critical Points of a High Dimensional Distribution via Graphical Models	4/12/2016	CUNY
163	David Balduzzi	Topology-Geometry-Data	Deep Online Convex Optimization with Gated Games	6/28/2016	Victoria University
164					
165	**Short Term Visitors**				
166	Alex Kuronya	Short Term Visitor		9/20/15 - 9/25/15	Geothe-Universitat Frankfurt
167	Pablo Suarez-Serrato	Short Term Visitor		9/21/15 - 10/1/15	Universidad Nacional Autonoma de Mexico
168	Zach Hamaker	Short Term Visitor		10/21/15 - 10/24/15	IMA/University of Minnesota
169	Gideon Maschler	Short Term Visitor		11/1/15 - 11/30/15	Clark University
170	Jose Perea	Short Term Visitor		11/15/15 - 11/21/15	Michigan State
171	Qing Nie	Short Term Visitor		11/18/15 - 11/22/15	University of California - Irvine
172	Alexander Gorokhovsky	Short Term Visitor		3/29/16 - 4/7/16	University of Colorado
173	Jingyin Huang			4/17/16 - 5/22/16	McGill University
174	Pete Siegl	Short Term Visitor		5/2/16 - 5/11/16	University of Bern
175	Caterina Consani	Short Term Visitor		5/2/16 - 5/8/16	Johns Hopkins University
176	Inger Haaland Knutson	Short Term Visitor		6/14/16 - 6/28/16	University of Agder
177					
178	**Long Term Visitors**				
179	Nanqing Ding	Long Term Visitor		7/25/16-8/7/15	Nanjing University
180	Peter Takac	Long Term Visitor		1/31/16 - 2/29/16	University of Rostock
181	Jae Park	Long Term Visitor		2/13/16 - 2/29/16	Pusan National University
182	Nick Gurski	Long Term Visitor		3/13/16 - 3/27/16	University of Sheffield
183	Michael Mandell	Long Term Visitor		5/8/15 - 5/20/16	Indiana University
184	Hongze Li	Long Term Visitor		4/1/16 - 5/1/16	Shanghai jiao Tong University
185	Marcus Slupinski	Long Term Visitor		6/1/16 - 6/30/16	University de Strasbourg
186					
187	**Distinguished Visitors**				
188	Percy Deift	Rado Lecturer		10/26/15 - 10/28/15	Courant Institute of Mathematical Sciences, New York University
189	Andrei Okounkov	Zassenhaus Lecturer	Counting Curves in Various Dimensions	4/11/16 - 4/13/16	Columbia University
190	Alain Connes	Distinguished Visiting Professor		5/2/16 - 5/11/16	Collège de France, IHES, The Ohio State University Distinguished Professor of Mathematics