

# Graduate Student Orientation, Sep 12, 2016

**02:30** **Pizza in the Lounge (Bahen Centre, 6th floor)**

**03:00** **Welcoming remarks (BA6183)**

School of Graduate Studies  
 Kumar Murty, Chair  
 Regina Rotman, Graduate Coordinator  
 Anne Dranovski, MGSA President

**03:10** **Course Presentations, Part I**

03:10	S. Alexakis	MAT1502HS	Topics in Geometric Analysis: Geometric Inverse Problems
03:15	F. Herzig	MAT1100HF	Algebra I
03:20		MAT1110HS	Linear Algebraic Groups
03:25	R. McCann	MAT1061HS	Partial Differential Equations II
03:30	R. Haslhofer	MAT1000HF	Real Analysis I
03:35	A. Burchard	MAT1600HF	Mathematical Probability I
03:40	C. Sulem	MAT1507HF	Asymptotic and Perturbation Methods
03:45	J. Bland	MAT1002HS	Complex Analysis
03:50		MAT1300HF	Topology I and gLab
03:55	G. Scott (for M. Gualtieri)	MAT1305HS	Topics in Geometric Topology: Introduction to the Moduli Space of Higgs Bundles
04:00	J. Arthur	MAT1001HS	Real Analysis II
04:05		MAT1197HS	Automorphic Representations and the Trace Formula
04:10		MAT1011HF	Introduction to Linear Operators
04:15	G. A. Elliott	MAT1016HS	Topics in Operator Algebras: K-Theory and C*-Algebras
04:20		MAT1314HS	Introduction to Noncommutative Geometry
04:25	A. Nabutovsky	MAT1301HS	Topology II
04:30		MAT1302HS	Combinatorial Theory

**04:30** **Break**

**04:45** **Course Presentations, Part II**

04:45	J. Tsimerman	MAT1210HS	Topics in Number Theory: Diophantine Problems in Number Theory
04:50	D. Bar-Natan	MAT1350HS	Topics in Algebraic Topology I: Algebraic Knot Theory - Polynomial Knot Polynomials
04:55	B. Rossman	MAT1304HF	Topics in Combinatorics: Circuit Complexity
05:00	K. Zhang	MAT1845HS	Dynamical Systems
05:05	G. Tiozzo	MAT1045HF	Topics in Ergodic Theory: Introduction to random walks on groups
05:10	E. Bierstone	MAT1191HF	Topics in Algebraic Geometry: Introduction to Resolution of Singularities
05:15	P. Selick	N/a	Fibre Bundles, Characteristic Classes, and K-Theory
05:20	L. Seco	MAT1856HS	Mathematical Theory of Finance
05:25	L. Jeffrey	MAT1312HF	Topics in Geometry: Symplectic Geometry
05:30	F. Murnaghan	MAT1101HS	Algebra II
05:35	J. de Simoi	MAT1844HF	Nonlinear Dynamical Systems: Stochastic properties
05:40	A. Khovanskii	MAT1191HS	Topics in Algebraic Geometry: Newton Okounkov Bodies
05:45	E. Meinrenken	MAT1341HS	Topics in Differential Geometry: Poisson Geometry
04:50	J. Lefeuvre	MAT1846HF	Topics in Dynamical Systems: Mathematical Neuroscience

**06:00** **Adjourn to the GSU pub**