

Talks are in room 312 Math

Tea and breakfast are in room 508 Math

- May 18. *Breakfast at 9:00AM and tea at 4:00PM*
- 9:30-10:30 Philippe Michel, Université Montpellier II, France
Equidistribution of torus orbits on spaces of lattices
- 11:00-12:00 Jeff Hoffstein, Brown University
The first non-vanishing quadratic twist of an automorphic L-function on $GL(2)$
- 1:30-2:30 Samuel Patterson, Universität Göttingen
The Fourier coefficients of metaplectic theta functions
- 3:00-4:00 Solomon Friedberg, Boston College
Constructing Multiple Dirichlet Series
- 4:30-5:30 Daniel Bump, Stanford University
Metaplectic Eisenstein Series, Weyl Group Multiple Dirichlet Series, and Gauss Sum Combinatorics
- May 19 *Breakfast at 9:00AM and tea at 4:00PM*
- 9:30-10:30 Benedict Gross, Harvard University
Finding a triple zero
- 11:00-12:00 Henryk Iwaniec, Rutgers University
The least prime in arithmetic progressions
- 1:30-2:30 James Cogdell, Ohio State University
A Report on Functoriality
- 3:00-4:00 Dihua Jiang, University of Minnesota
On Poles of Automorphic L-functions
- 4:30-5:30 Colette Moeglin, Université Pierre & Marie Curie
About residual Eisenstein Series

May 20

Breakfast at 9:00AM and tea at 4:00PM

9:30-10:30

Dinakar Ramakrishnan, California Institute of Technology
Selfdual representations and Signs

11:00-12:00

Marie-France Vigneras, Université de Paris 7
Torsion p -adic representations of p -adic reductive groups

1:30-2:30

Alex Lubotzky, Hebrew University
Counting congruence subgroups

3:00-4:00

Henri Darmon, McGill University
Exotic Heegner points and periods of binary theta-series

4:30-5:30

M. Ram Murty, Queen's University, Canada
Effective equidistribution of Hecke eigenvalues

May 21

Breakfast at 9:00AM and tea at 4:00PM

9:30-10:30

Barry Mazur, Harvard University
*Transcendence conjectures about units in algebraic number fields
and Galois deformation problems*

11:00-12:00

John Coates, University of Cambridge
Zeros of complex L -functions and Iwasawa modules

1:30-2:30

Peter Sarnak, Princeton University
Primes and Orbits

3:00-4:00

Steve Kudla, University of Toronto
Arithmetic special cycles for unitary groups

4:30-5:30

Shing-Tung Yau, Harvard University
Arithmetic Related to Calabi-Yau

May 22

Breakfast at 9:00AM and tea at 4:00PM

9:30-10:30

Richard Taylor, Harvard University
The Sato-Tate conjecture (and some minor variants)

11:00-12:00

Ken Ono, University of Wisconsin
Harmonic Maass form and combinatorial series

1:30-2:30

Jean-Benoît Bost, Université de Paris-Sud
Extensions of hermitian vector bundles and Poincaré series

3:00-4:00

Jan Hendrik Bruinier, Universität zu Köln
Differentials of the third kind and Heegner divisors

4:30-5:30

Ambrus Pal, Imperial College London
Drinfeld modular curves and Diophantine Geometry

May 23

Breakfast at 9:00AM and tea at 4:00PM

9:30-10:30

Tonghai Yang, University of Wisconsin
An arithmetic intersection formula on a Hilbert modular surface

11:00-12:00

Hervé Jacquet, Columbia University
*A relative trace formula approach
to the Gross-Prasad conjecture for the unitary group*

1:30-2:30

Lucien Szpiro, City University of New York
Finiteness theorems for dynamical systems

3:00-4:00

Akshay Venkatesh, New York University
Analytic theory of quadratic class groups

4:30-5:30

Gautam Chinta, City University of New York
Multiple Dirichlet series associated to general root systems