

PA_{lmetto} N_{umber} T_{heory} S_{eries}

SCHEDULE OF ACTIVITIES

(Coffee and refreshments are in the Wyman Williams Room, next to 412.)

SATURDAY, DECEMBER 1, 2012

9:30 COFFEE AND OTHER REFRESHMENTS

10:00 [LC 412] **Rodney Keaton** (Clemson Univ), *A congruence between Ikeda lifts and non-Ikeda lifts*

10:00 [LC 405] **Yongqiang Zhao** (University of Wisconsin), *Counting cubic extensions of rational function fields*

10:30 [LC 412] **Saikat Biswas** (Georgia Tech), *Tamagawa torsors of an Abelian variety*

10:30 [LC 405] **Marie Jameson** (Emory University), *Quadratic polynomials, period polynomials, and Hecke operators*

11:00 [LC 412] **Benedict Gross** (Harvard University), *On the values of zeta functions at negative integers and the dimension of spaces of modular forms*

12:05 LUNCH (a list of restaurants in the area will be made available)

1:30 [LC 412] **Matt Young** (Texas A&M University), *Restrictions of automorphic forms and L-functions*

2:35 COFFEE BREAK

2:50 [LC 412] **Dermot McCarthy** (Texas A&M University), *Transformation properties of finite field hypergeometric functions*

2:50 [LC 405] **Lola Thompson** (University of Georgia), *Sums of distinct divisors*

3:20 [LC 412] **Nathan Green** (Brigham Young University), *Integrality preserving lifts for level 3 forms*

3:20 [LC 405] **Hua Wang** (Georgia Southern), *Compositions, tilings, and numerical strings*

3:50 [LC 412] **Alyson Deines** (University of Washington), *On an algorithm for computing degrees of parametrizations of elliptic curves by Shimura curves*

4:40 COFFEE BREAK

4:55 [LC 412] **Winfried Kohnen** (Ruprecht-Karls-Universität Heidelberg Mathematisches Institut), *Sign changes of Fourier coefficients of cusp forms*

6:00 Supper (a list of restaurants in the area will be made available)

7:45 Social Gathering (Frank Thorne's house; see map)

SUNDAY, DECEMBER 2, 2012

8:30 COFFEE AND OTHER REFRESHMENTS

9:00 [LC 412] **Wei Ho** (Columbia University/Princeton University), *Ranks of elliptic curves over quadratic extensions*

10:00 [LC 412] **Hang Xue** (Columbia University), *The height of a canonical point in the Jacobian of a genus four curve*

10:00 [LC 405] **Nguyen Ngoc Dong Quan** (University of British Columbia), *Generalized Mordell curves, generalized Fermat curves, and the Hasse principle*

10:25 COFFEE BREAK

10:40 [LC 412] **Carl Pomerance** (Dartmouth College), *Balanced subgroups of the multiplicative group*

11:50 [LC 412] **Michael Griffin** (Emory University), *$SU(2)$ -Donaldson invariants of the complex projective plane*

11:50 [LC 405] **Robert Lemke Oliver** (Emory University), *Representation by ternary quadratic forms*

12:20 [LC 412] **Adele Lopez** (Emory University), *Prescribing imaginary quadratic fields with 2-class group of type $(2, 2^\ell)$*

12:20 [LC 405] **John Webb** (Wake Forest University), *Bounds for p -core partitions by calculating cusp constants*

12:45 END OF CONFERENCE