

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

SCHEDULE OF ACTIVITIES

(All talks are in LeConte 412; refreshments are in the Wyman Williams Room, next to 412.)

SATURDAY, DECEMBER 4, 2010

9:30 COFFEE AND OTHER REFRESHMENTS

10:00 **Rodney Keaton** (Clemson University), *Level lowering and the Saito-Kurokawa lift*

10:25 **Jeff Beyerl** (Clemson University), *The product of two nearly holomorphic eigenforms is rarely an eigenform*

10:50 **Enrique Trevino** (Dartmouth College), *The least inert prime in a real quadratic field*

11:40 LUNCH (a list of restaurants in the area will be made available)

1:30 **Michael Bennett** (University of British Columbia), *Perfect powers with few binary digits and related Diophantine problems*

2:30 COFFEE BREAK

2:50 **Igor Pritsker** (Oklahoma State University), *Distribution of algebraic numbers*

3:15 **Jim Stankewicz** (University of Georgia), *Some recent progress on the Frobenius problem*

3:40 **Marie Jameson** (Emory University), *A refinement of Ramanujan's congruences modulo powers of 7 and 11*

4:05 **Renling Jin** (College of Charleston), *Freiman's inverse problem for almost subsets of a bi-arithmetic progression*

The organizers thank the National Science Foundation, the National Security Agency and the Mathematics Department at the University of South Carolina for their support.

4:30 COFFEE BREAK

4:50 **Kevin Ford** (University of Illinois at Urbana-Champaign), *Explicit constructions of RIP matrices and of numbers with small power sums*

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

SUNDAY, DECEMBER 5, 2010

8:00 COFFEE AND OTHER REFRESHMENTS

8:30 **Cameron Stewart** (University of Waterloo), *On divisors of Lucas and Lehmer numbers*

9:30 **Robert Lemke-Oliver** (Emory University), *Eta-quotients and theta functions*

9:55 **Zach Kent** (Emory University), *p-adic coupling of mock modular forms and their shadows*

10:20 COFFEE BREAK

10:40 **Chantal David** (Concordia University), *Almost-primes and pseudo-primes in the order of the group of points of elliptic curves over finite fields*

11:40 **Carrie Finch** (Washington and Lee University), *Lucas-Sierpiński and Lucas-Riesel numbers*

12:05 **Ricardo Conceicao** (Oxford College of Emory University), *On the characterization of minimal value set polynomials*

12:30 END OF CONFERENCE