PAlmetto Number Theory Series

Schedule for December 9-10, 2006

(All talks will be held in LeConte 412)

Saturday, December 9:

1:00-2:00	Chris Skinner (Princeton): *Some recent advances in the arithmetic of elliptic curves*
2:05-2:20	Break
2:20-3:00	Brett Tangedal (College of Charleston): *Continued fractions, special values of the double sine function, and Stark units over real quadratic fields*
3:05-3:25	Mark Kozek (USC): *On Goldbach's Conjecture for monic polynomials in* $\mathbb{Z}[x]$
3:30-3:45	Break
3:45-4:25	Matt Baker (Georgia Tech): *Riemann-Roch and Abel-Jacobi theory on a finite graph*
4:30-4:50	Carrie Finch (USC): *The irreducibility of generalized Laguerre polynomials* $L_m^{(\alpha)}(x)$ *for* $1 \leq \alpha \leq 10$
4:55-5:10	Break
5:10-5:50	Bob Rumely (UGA): *The Fekete-Szego Theorem with splitting conditions on curves*
5:55-6:30	Problem Session

Sunday, December 10:

9:00-10:00	Matt Papanikolas (Texas A&M): *Transcendence over function fields*
10:05-10:20	Break
10:20-11:00	Griff Elder (Virginia Tech): *One-dimensional elementary abelian extensions*
11:05-11:25	Wendy Hu (Clemson): *Computation of explicit bases for a class of Riemann-Roch spaces*
11:30-11:45	Break
11:45-12:00	Problem Session