

S_{outh} E_{ast} R_{egional} M_{eeting} O_n N_{umbers}

SCHEDULE OF ACTIVITIES (All talks are in Room 112 of LeConte.)

FRIDAY

4:30 P.M.—10:00 P.M. SOCIAL GATHERING AT KOSTYA OSKOLKOV'S HOUSE

SATURDAY

8:30 REFRESHMENTS (Room 101)

9:00 INTRODUCTORY REMARKS (Room 112)

9:05 **Michael Filaseta*** (University of South Carolina), *"From covering problems to a conjecture of Turán"*

9:30 **Anguel Koumtechev*** (University of South Carolina), *"Diophantine approximation by cubes of primes and an almost prime"*

9:55 **Ernie Croot*** (University of Georgia), *"Egyptian fractions"*

10:20 COFFEE BREAK (Room 101)

10:45 **Greg Dresden*** (Washington & Lee University), *"Spectra of heights over finite groups"*

11:10 **Dina Khalil** (University of Georgia), *"On the p -divisibility of class numbers of quadratic fields"*

11:35 **Chris Caldwell*** (The University of Tennessee), *"A search for new factorial and primorial primes"*

12:00 LUNCH BREAK

1:30 **Sergei Konyagin*** (University of South Carolina), *"On distribution of integers with missing digits in residue classes"*

1:55 **Paul Young*** (College of Charleston), *"Generalized Kummer congruences"*

2:20 **Robert Murphy*** (University of South Carolina), *"Forty-eight irreducibility theorems (and still no thesis)"*

2:45 COFFEE BREAK (Room 101)

3:10 **Kostya Oskolkov** (University of South Carolina), *"Gauss sums and Schroedinger equations"*

3:35 **Jon Grantham** (IDA Center for Computing Sciences), *"Perrin pseudoprimes"*

*Abstract submitted (see printed abstracts).

4:00 **Gang Yu*** (University of Georgia), “*Average size of 2-Selmer groups of a family of elliptic curves*”
4:25 **Michael Freeze** (University of North Carolina at Chapel Hill), “*Factorization lengths in Dedekind domains*”
4:50 SHORT BREAK FOLLOWED BY PROBLEM SESSION
6:30 P.M.–10:00 P.M. SOCIAL GATHERING AT RICHARD HUDSON’S HOUSE

SUNDAY

8:00 REFRESHMENTS (Room 101)
8:30 **Richard Hudson** (University of South Carolina), “*Dirichlet type class number formulas*”
8:55 **Kevin Ford*** (University of South Carolina), “*New results in comparative prime number theory*”
9:20 **Pamela Cutter** (University of Georgia), “*Squarefree parts*”
9:45 **Mark Watkins** (University of Georgia), “*Class numbers of imaginary quadratic fields*”
10:10 COFFEE BREAK (Room 101)
10:35 **Carl Pomerance** (University of Georgia), “*Two contradictory conjectures concerning Carmichael numbers*”
11:00 **Theresa Vaughan** (University of North Carolina at Greensboro), “*LCM-closed families of divisors*”
11:25 **Ognian Trifonov*** (University of South Carolina), “*Integer points close to a smooth curve*”

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