THURSDAY DEC. 17th

Analytic Number Theory Session – Mark Coffey

9:00 Carl Pomerance λ, φ, σ
9:20 Mark Coffey *On certain sums over the nontrivial zeta zeros*
9:40 Vic Dannon *Riemann zeta zeros*
10:00 Jean-Marie DeKoninck *The distance between smooth numbers*

10:20 Announcements/BREAK

10:50 Roger Baker *Sequences that omit a box modulo one*
11:10 Boris Kupershmidt *A solution to the Riemann's conjecture*
11:30 Florian Luca *Diophantine equations with q-binomial coefficients*

12:00 LUNCH

Elementary Number Theory Session – John Burke

1:30 Pante Stanica *A combinatorial conjecture*
1:50 Russell J. Hendel *Factorization of recursions governing continued fractions consisting of ones with a single interruption*
2:10 Richard McIntosh *Wolstenholme-type congruences for power sums and binomial coefficients*
2:30 Leanne Robertson *On Newman's conjecture and prime trees*

2:50 BREAK

3:20 Mike Decaro *On an incorrect factoring formula of Euler*
3:40 Mark Kozek *An asymptotic formula for Goldbach's conjecture with monic polynomial*
4:00 John Brillhart *40 years of West Coast Number Theory*

4:20 FIRST PROBLEM SESSION – Gerry Myerson

6:00 DINNER

FRIDAY DEC. 18

Elementary Number Theory Session – Richard McIntosh

9:00 Christian Ballot *A threesome of prime densities*
9:20 Russel J. Hendel *An analytic approach to recursions governing tail sums of reciprocals*
                              of Fibonacci numbers
9:40 Paul Emanuel *Covering systems*
10:00 Neville Robbins *Some congruence properties of cyclic composition coefficients*

10:20 Announcements/BREAK

AFTERNOON EXCURSIONS

SATURDAY DEC. 19

Computational and Miscellaneous Number Theory Session – Christian Ballot

9:00 Kjell Wooding *Bizarre love triangle: Theory and application of 2-dimensional sieve*
9:20 Cassie Williams *The cycle index of $GL_2(\mathbf{Z}/p^n)$*
9:40 Daniel Wisniewski *Counting solutions to tetranomial Thue equations*
10:00 Keli Parker *Construction of Multilevel Hadamard Matrices*

10:20 Announcements/BREAK

10:50 Darrin Doud *p-adic properties of coefficients of weakly holomorphic modular forms*
11:10 David Cardon *Minor matrices and zeros on a line*
11:30 Sarah Chisholm *Hyperelliptic pairings*

12:00 LUNCH

Algebraic Number Theory Session – Kjell Wooding

1:30 Amandine Leriche *Polya fields, Polya groups, Polya extensions: a question of capitulation*
1:50 Jing Long Hoelscher *Bernoulli numbers and class numbers in functions fields*
2:10 Jianqiang Zhao *Witten volume formulas*
2:30 Phong Le *Algebro-geometric trace codes*

2:50 BREAK

3:20 Ming Hsuan Kang *Zeta functions of complexes arising from* PGL_n
3:40 David Terr *Density of real cubic orders of fixed shape*

4:00 Business Meeting and 2ND Problem Session – Bart Goddard/Gerry Myerson

6:00 DINNER

West Coast Number Theory Conference
December 16—20, 2009

SUNDAY DEC. 20

Historical Session –

7:30 Pick up box lunches (if ordered) at breakfast

9:00 Informal discussion of past conferences and problems

Break—delivered at 9:30.

11:30 Farewell and check out

12:00 LUNCH