

West Coast Number Theory

December 15-19, 2013. Asilomar Conference Center. Monterey, CA

2013 Schedule of Talks

- [Monday, Dec 16](#)
- [Tuesday, Dec 17](#)
- [Wednesday, Dec 18](#)
- [Thursday, Dec 19](#)

MONDAY, DECEMBER 16

Session Chair: Eva Goedhart

9:30 *Andreas Weingartner*: On the maximum ratio of consecutive divisors

9:55 *Carl Pomerance*: Ranges of Some Arithmetic Functions

10:20 **Announcements / BREAK**

10:45 *Christelle Vincent*: Weierstrass points on Drinfeld modular curves

11:10 *Colin Weir*: p -torsion of curves in characteristic p

11:35 *Nathan McNew*: On sets of integers which contain no three terms in geometric progression

12:00 **LUNCH**

Session Chair: John Burke

2:00 *David Bailey*: Computation and analysis of Mordell-Torheim-Witten sums

2:25 *Michael Jacobson*: Shorter compact representations in real quadratic fields

2:50 *Renate Scheidler*: Compact representation in quadratic function fields

3:15 **Announcements / BREAK**

3:40 **FIRST PROBLEM SESSION – Gerry Myerson**

6:00 **DINNER**

TUESDAY, DECEMBER 17

Session Chair: Renate Scheidler

9:00 *Eric Roettger*: Some new pseudoprimes?

9:30 *Taylor Dupuy*: “Derivatives” on the integers and an application

9:55 *John Friedlander*: On squares and primes

Follow

10:20 Announcements / BREAK**10:45** *Russell Hendel*: Jump sums in the Pascal triangle**11:10** *Nathan Hamlin*: Cryptography with recurrence representations**11:35** *Robert Akscyn*: The pattern of the primes**12:00 LUNCH****FREE AFTERNOON****6:00 DINNER****WEDNESDAY, DECEMBER 18***Session Chair: Russell Hendel***9:30** *David Thomson*: Something about normal bases in finite fields**9:55** *Christian Ballot*: The sum of primes and a recurrence: On Romanoff's tracks**10:20 Announcements / BREAK****10:45** *Marie-Andree Langlois*: How to find the étale fundamental group of an elliptic curve**11:10** *Xun Sun*: Complexity of lattice on cyclic lattice**11:35** *Stefan Erickson*: Apollonian circle packings**12:00 LUNCH***Session Chair: Bart Goddard***2:00** *Daniel Mayer*: Class tower and capitulation over quadratic fields**2:25** *Eva Goedhart*: On the Diophantine equation $x^{2n} + 2^{2l} p^{2m} = z^5$ **2:50** *Shawn Elledge*: On minimal levels of Iwasawa towers**3:15 Announcements / BREAK****3:40 SECOND BUSINESS MEETING AND PROBLEM SESSION****6:00 DINNER****THURSDAY, DECEMBER 20****Bull Session****9:00-11:00** Informal discussion of past conferences, problems, and people (Oak Shelter Room)

Break—delivered at 9:00. Box lunches will be available in the OAK SHELTER room

11:30 Farewell and check out

Follow