BAMA 3

School Year 2015—2016
Join us for a free talk...

Dan Goldston

Sums and Differences of Pairs of Primes

Santa Clara University, Daly Science 207

Friday, December 4, 2015, 7:30 pm

Is every even number greater than 2 the sum of two prime numbers? Is 2 the difference of two prime numbers for infinitely many primes? These are two famous unsolved problems that concern sums or differences of pairs of prime numbers. We will look at a number of such problems, some of which are solved, some of which we think we know the answer but cannot prove it, and some which we don't know the answer for and can't compute or prove anything.

Daniel Goldston was born on January 4, 1954, in Oakland, California. He attended the University of California Berkeley starting in 1972, receiving his Ph.D. in 1981 under the supervision of R. Sherman Lehman. He worked at the University of Minnesota Duluth for a year before spending the 1982–1983 academic year at the Institute for Advanced Study in Princeton. Since 1983 he has worked at San Jose State University except for semesters spent at the Institute for Advanced Study in 1990, the University of Toronto in 1994, and the Mathematical Sciences Research Institute in 1999. He was awarded a 2014 Cole Prize in Number Theory as were János Pintz, Cem Y. Yıldırım and Yitang Zhang.

*** See back for map and directions.**

Visit the Bay Area Mathematical Adventures (BAMA) at http://mathematicaladventures.org

To receive email notifications about BAMA talks, please contact Frank Farris at ffarris@scu.edu .

BAMA

Bay Area Mathematical Adventures

A series of presentations on diverse topics by remarkable mathematicians. All talks are free and open to the public.

WHY?

BAMA aims to challenge and motivate students to think mathematically. Speakers will present real mathematics, and will share with the audience modern views of mathematics. Some talks will provide students with related problems, or will enable teachers to expand later on the topics with their students.

WHO?

BAMA is aimed at bright high-school age students. However, all are welcome: younger or older students, teachers, parents, and the general public.

WHEN?

Evening talks will be given approximately once a month between September and April. Each talk will be self-contained (speakers will not assume their audiences have attended previous talks).

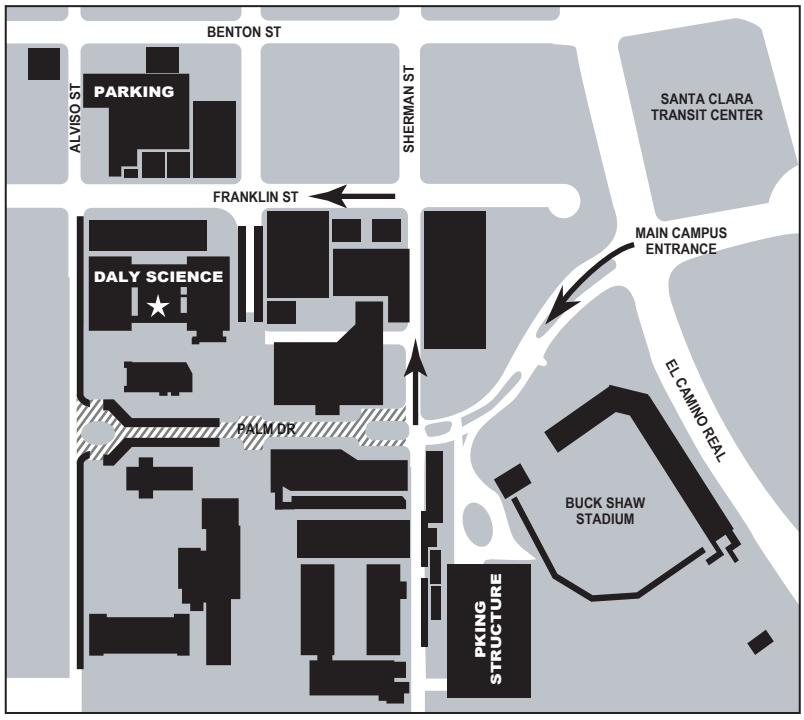
WHERE?

Santa Clara University
Daly Science, rm. 207

- From US Highway 101, take the De La Cruz Blvd/Santa Clara exit and follow the signs to El Camino real and main campus entrance.
- From I-280, take I-880 north toward Oakland to The Alameda exit. Turn left onto The Alameda (which becomes El Camino Real) to main campus entrance.
- From I-880, take The Alameda exit, travel north (The Alameda becomes El Camino Real) to main campus entrance.

Note: If you arrive by car, you can go directly to the parking garage at Franklin and Alviso and purchase a permit at a self-serve kiosk. Alternatively, you may enter a special code (available at our website) into the machine and the SCU Department of Mathematics and Computer Science will pay for your parking! Either way, you must display a valid permit on your dash.

- If you have a disability and require reasonable accommodation, please call anyone on the steering committee, or 1-800-735-2929 (TTY—California Relay) 24 hours in advance.



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FOR MORE INFO:

http://www.mathematicaladventures.org

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