Brian Conrad

The ABC Conjecture

San Jose State University*
Engineering Building, Rm. 189

7:30 pm
Wednesday, March 13, 2013

The ABC Conjecture, formulated in the mid-1980's by Oesterle and Masser, is one of the most important conjectures in number theory. It has many deep consequences, but its basic formulation can be given in entirely elementary terms. In this talk, I will explain what the conjecture asserts, some evidence that supports it, and a few of its corollaries (time permitting).
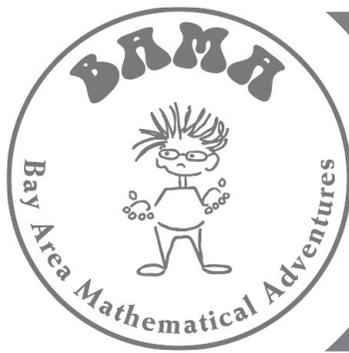
Brian Conrad is a professor of mathematics at Stanford, and works on problems at the interface of geometry and number theory. He earned his PhD at Princeton under Andrew Wiles, and spent several postdoctoral years at Harvard, after which he joined the faculty at the University of Michigan. He has supervised several Intel STS Finalist projects in mathematics, and organized the weekly undergraduate math talks at Stanford for several years (giving quite a few himself) after moving there in 2008.

* See back for map and directions.

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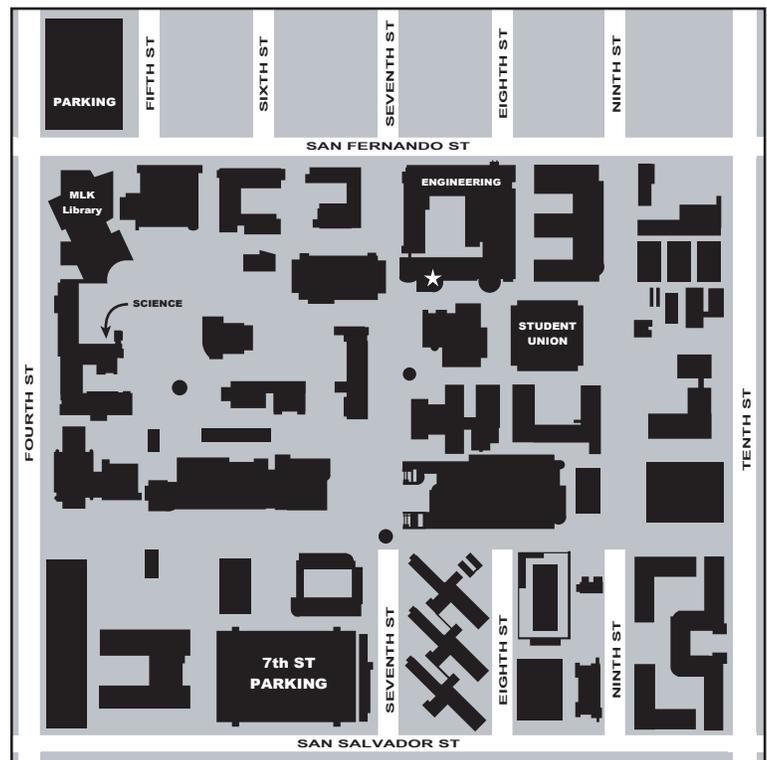
WHEN? Evening talks will be given approximately once a month between September and April. Each talk will be self-contained (speakers will not assume their audiences have attended previous talks).

WHERE?

San Jose State University
Engineering Building, Rm 189

■ From 101 take the First Street or Guadalupe Expressway exit and go to Fourth Street.

■ Take Fourth to San Salvador Street; turn left onto San Salvador and park in the South Garage. The automated pay stations located on level 3 and above accept coins, $1, $5 and $10 bills, Visa or Master Cards. Parking is $1.00 per ½ hour or $5.00 day pass after 5:30.

■ From 280 take the 7th Street exit and turn North on Seventh St. The garage is on the left after 5 or 6 blocks.

Map showing San Jose State University campus with PARKING, FIFTH ST, SIXTH ST, SEVENTH ST, EIGHTH ST, NINTH ST, SAN FERNANDO ST, MLK Library, ENGINEERING, SCIENCE, STUDENT UNION, FOURTH ST, TENTH ST, 7th ST PARKING, SEVENTH ST, EIGHTH ST, NINTH ST, SAN SALVADOR ST.

FOR MORE INFO:

http://www.mathematicaladventures.org

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