David Eisenbud

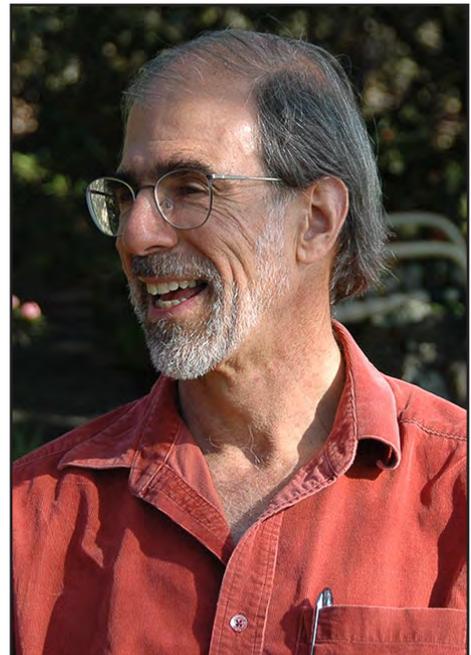## *Way Out There on the Edge of the Plane*

San Jose State University*
Science Building, Rm. 142

7:30 pm
Wednesday, October 17, 2012

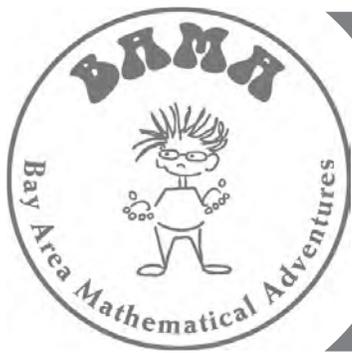A down-to-earth version of infinity, and why it makes algebra and geometry easier.

David Eisenbud received his PhD in mathematics in 1970 at the University of Chicago under Saunders MacLane and Chris Robson, and was on the faculty at Brandeis University before coming to Berkeley, where he became Professor of Mathematics in 1997, serving as Director of MSRI from 1997 to 2007. In 2009 he was appointed Director of Mathematics and the Physical Sciences at the Simons Foundation, a position he occupied until last summer. He has been a visiting professor at Harvard, Bonn, and Paris. Eisenbud's mathematical interests range widely over commutative and non-commutative algebra, algebraic geometry, topology, and computer methods. In addition to his work in Berkeley, Eisenbud was President of the American Mathematical Society from 2003 to 2005. He is a Director of Math for America, a foundation devoted to improving mathematics teaching, and of the Simons Foundation. He has been a member of the Board of Mathematical Sciences and their Applications of the National Research Council, and is a member of the US National Committee of the International Mathematical Union. In 2006 Eisenbud was elected a Fellow of the American Academy of Arts and Sciences. Eisenbud is Chair of the Editorial Board of the journal Algebra and Number Theory, which he helped to found in 2006, and of several other series. Eisenbud's interests outside of mathematics include theater, juggling and music -- singing Bach, Brahms, Schubert, Schumann….

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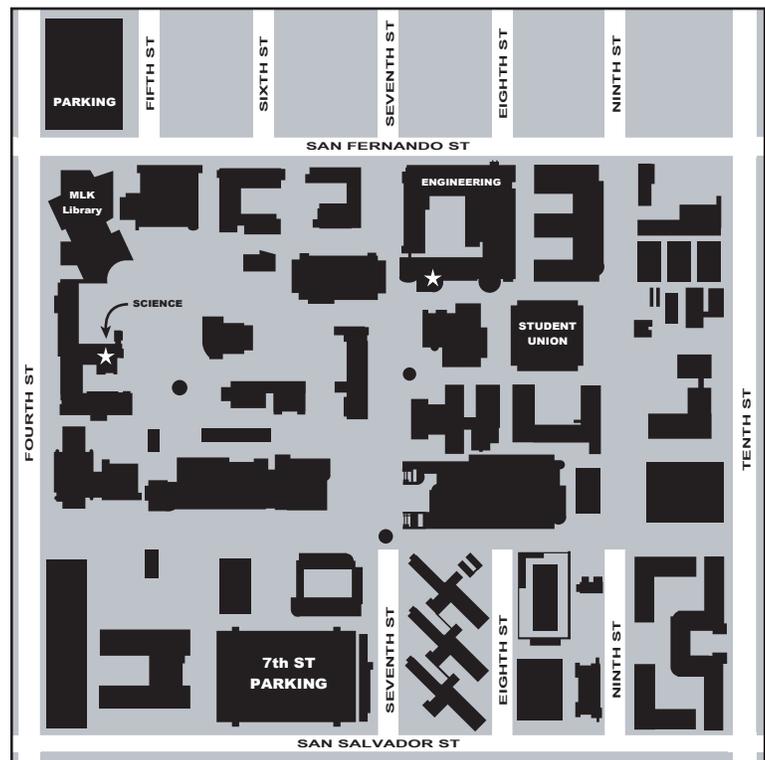
WHEN?
Evening talks will be given approximately once a month between September and April. Each talk will be self-contained (speakers will not assume their audiences have attended previous talks).

WHERE?

San Jose State University
Science Building, Rm 142

■ 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.

Campus map showing 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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