The Tenth Bay Area Discrete Math Day
Saturday, April 9, 2005, 10:00am–6:00pm
San José State University
Engineering Auditorium, Room 189, Engineering Building

Speakers

Elwyn Berlekamp (UC Berkeley): *Combinatorial games*
Ruchira Datta (Google): *PHIL: The Probabilistic Hierarchical Inferential Learner*
Sergi Elizalde (MSRI): *Inference functions and sequence alignment*
Nat Thiem (Stanford): *Braids and tableaux for unipotent Hecke algebras*
Sankaran Viswanath (UC Davis): *Dynkin diagram sequences, stable tensor products, and representation rings*
Elizabeth Wilmer (Oberlin, visiting MSRI): *Reversals and transpositions over finite alphabets*
Peter Winkler (Dartmouth, visiting MSRI): *How random is the human genome?*

Registration, meals, and parking: No registration fee will be charged. Lunch and refreshments are free; for dinner after the talks, we will ask for roughly $10 from students and $20 from others. Free parking is available at nearby San José city lots.

To register, please e-mail the local organizer, Tim Hsu (`hsu@math.sjsu.edu`), by **Friday April 1**. When you register, please let us know (1) if you have any dietary restrictions and (2) if you will be joining us for dinner.

For abstracts, driving directions, parking directions, and other information, please see:

`http://www.math.sjsu.edu/~hsu/BAD/`

BAD Math Days are one-day meetings aimed at facilitating communication between researchers and graduate students of discrete mathematics around the San Francisco Bay Area. These days happen twice a year and strive to create an informal atmosphere to talk about discrete mathematics. The term "discrete mathematics" is chosen to include at least the following topics: Algebraic and Enumerative Combinatorics, Discrete Geometry, Graph Theory, Coding and Design Theory, Combinatorial Aspects of Computational Algebra and Geometry, Combinatorial Optimization, Probabilistic Combinatorics, and Combinatorics in Mathematical Physics.