AMERICAN MATHEMATICAL SOCIETY

CURRENT EVENTS BULLETIN

Friday, January 17, 2014, 1:00 PM to 5:00 PM

Room 310 Baltimore Convention Center
Joint Mathematics Meetings, Baltimore, MD

1:00 PM

Daniel Rothman
Massachusetts Institute of Technology

Earth's carbon cycle: A mathematical perspective

Mathematics to understand one of the great challenges to our society

2:00 PM

Karen Vogtmann
Cornell University

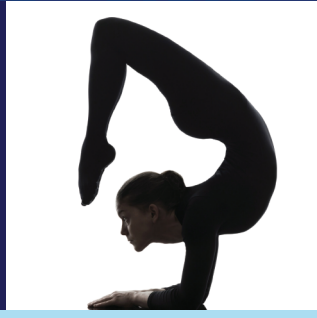
Image courtesy of: Jos Leys

The geometry of outer space

New geometric methods advance the theory of automorphism groups of free groups

3:00 PM

Yakov Eliashberg
Stanford University



Recent advances in symplectic flexibility

Flexible methods (known as Gromov's *h*-principle generalizing the work of Nash and Smale) played an important role in symplectic topology from its inception. Learn about the classic results and their new developments.

4:00 PM

Andrew Granville
Université de Montréal

Infinitely many pairs of primes differ by no more than 70 million (and the bound's getting smaller every day)

-- Prime Twins?

-- Dunno, but at least they're close.

Organized by David Eisenbud, University of California, Berkeley

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