2013 Kemeny Undergraduate Lecture

MY FAVORITE OPEN PROBLEMS ABOUT POLYHEDRA

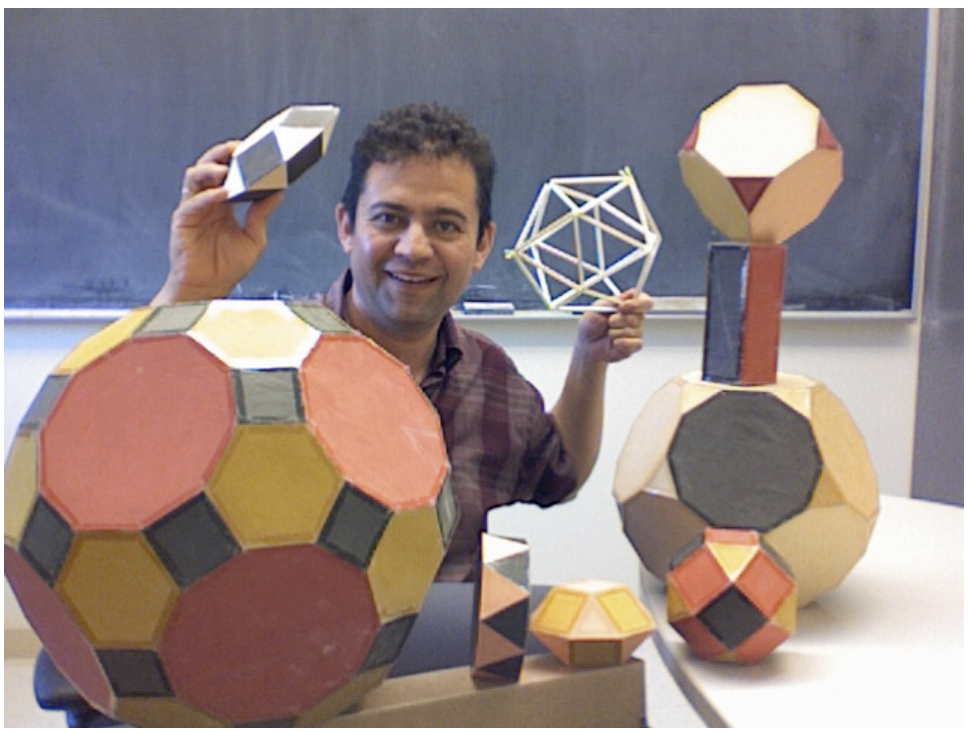
Convex polyhedra are familiar objects. Cubes and pyramids are common in all kindergartens. Polyhedra, in their high-dimensional versions, are widely used in applied mathematics. Their beauty and simplicity appeal to all, but very few people know of the many easy-to-state but difficult-to-solve mathematical problems that hide behind their beauty.This lecture introduces the audience to some fascinating open questions on the frontiers of mathematical research and its applications.

Jesus De Loera

University of California, Davis

Jesus De Loera, Professor of Mathematics, member of the Graduate groups in Computer Science and Applied Mathematics: His research has been recognized by an Alexander von Humboldt Fellowship, the 2010 INFORMS computer society prize, and a John von Neumann professorship at the Technical University of Munich. He is associate editor of the journals ``SIAM Journal of Discrete Mathematics'' and ``Discrete Optimization''. For his dedication to outstanding mentoring and teaching he received the 2003 UC Davis Chancellor's fellow award, the 2006 UC Davis award for diversity, and the 2007 Award for excellence in Service to Graduate students by the UC Davis graduate student association. An expert in the field of Discrete Mathematics, his work approaches difficult computational problems in Applied Combinatorics and Optimization using tools from Algebra and Convex Geometry.

Wednesday
March 27, 2013
7:00 - 8:00 PM
008 Kemeny Hall



Everybody Welcome!

For more information:
http://www.math.dartmouth.edu/activities/kemeny-lectures/