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IMA Public Lectures

University of Minnesota

Tuesday, February 9, 2010

From flapping birds to space telescopes: the math of origami

Robert J. Lang, artist and consultant

The principles of origami, the centuries-old Japanese art of paper-folding, can be used to solve a wide range of folding problems, from how to compress an airbag into a steering wheel to how to design complex folding telescopes. These math-based origami concepts are used in product development, architecture, and designs seen all around us. For example, the University of Minnesota's Weisman Art Museum is an origami-inspired structure. The speaker is an artist and a consultant who applies origami principles to engineering problems.

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University of Minnesota
114 Lind Hall
207 Church Street, S.E.
Minneapolis, MN 55455

The IMA brings together the best minds in math and the sciences to solve pressing problems facing our society, our industries, and our planet. It receives major funding from the National Science Foundation and the University of Minnesota.

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Lecture Details:

Refreshments: 6:30 p.m.

Lecture: 7:00 p.m.

Location: 125 Willey Hall, 225 19th Avenue South
West Bank, University of Minnesota, Minneapolis

Directions:

www1.umn.edu/twincities/maps/WilleyH/index.html

Next lecture:

Can chocolate save your life?

Thursday, April 22, 2010

Nancy Reid, professor of statistics, University of Toronto

For updates on future public lectures:

www.ima.umn.edu/public-lecture