

2 0 1 0 - 2 0 1 1

# IMA Public Lectures

## University of Minnesota

**Tuesday, September 21, 2010, 7:00 pm**  
175 Willey Hall, 225 19th Avenue South  
West Bank, University of Minnesota  
Minneapolis

### How financial engineering can cure cancer, solve the energy crisis, and stop global warming

**Andrew W. Lo, Harris & Harris Group**  
Professor of Finance, MIT

As disruptive as the financial crisis has been, the important lessons to be learned from the spectacular failure of financial technologies gone awry may actually pave the way for some of the most significant achievements of the 21st century. In this talk, Professor Lo will provide a brief overview of the origins of the crisis, the key role that mathematics played, and how a deeper understanding of human nature may allow financial engineers to focus the enormous power of global financial markets on some of society's most pressing challenges.

**Institute for Mathematics  
and its Applications**

UNIVERSITY OF MINNESOTA  
**Driven to Discover<sup>SM</sup>**



**Institute for Mathematics  
and its Applications**

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.

Nonprofit Org.  
U.S. Postage  
PAID  
Minneapolis, MN  
Permit No. 155

**For more information:**

612-624-6066

**Directions:**

[www1.umn.edu/twincities/maps/WilleyH/index.html](http://www1.umn.edu/twincities/maps/WilleyH/index.html)

**Next lecture:**

**Bursts, Cascades, and Hot Spots:**

**A Glimpse of Some On-Line Social Phenomena  
at Global Scales**

Tuesday, November 9, 2010

Jon Kleinberg, Tisch University Professor, Cornell University

**For updates on future public lectures:**

[www.ima.umn.edu/public-lecture](http://www.ima.umn.edu/public-lecture)

The University of Minnesota is an equal opportunity educator and employer.  
Photo: istockphoto.com

---