

MATH MATTERS

IMA Public Lecture

NEW DATE: Tuesday, April 28

6:30 p.m. Refreshments

7:00 p.m. Lecture

125 Willey Hall, 225 19th Avenue South

University of Minnesota, Minneapolis

Network Science: From the Web to Human Diseases

Professor Albert-László Barabási

DEPARTMENT OF PHYSICS

UNIVERSITY OF NOTRE DAME

Systems as diverse as the world wide web, the Internet, and the cell are described by highly interconnected networks with complex structures.

The evolution of these networks is governed by simple and generic laws, which result in apparently universal architectural features. The speaker will discuss the amazing order that characterizes these connections, and the resulting implications for communications and medicine.

**Institute for Mathematics
and its Applications**

UNIVERSITY OF MINNESOTA

Driven to DiscoverSM

Next IMA Public Lecture:
Thursday, November 12, 2009

Dr. Jeffrey Weeks, author of *The Shape of Space*, on
the connection between geometry and the behavior
of the physical universe.

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