

THE MATHEMATICAL SCIENCES RESEARCH INSTITUTE *presents*

# THE | MSRI Biology *Colloquium*

BIOLOGY FOR MATHEMATICIANS

*Three Lectures by*

## **Dr. Alan Perelson**

*Senior Fellow of the Theoretical Biology and Biophysics Group  
Los Alamos, NM*

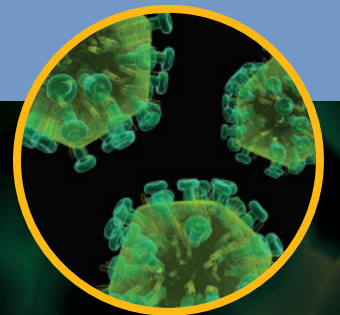
Dr. Perelson is currently a Los Alamos National Laboratory Senior Fellow, a Fellow of the American Academy of Arts and Sciences, and an External Professor at the Santa Fe Institute. Among his noteworthy accomplishments, Dr. Perelson was named AAAS Fellow to the Section on Mathematics for his contributions to the field of mathematical immunology and particularly for studies of the dynamics of HIV infection and its transition to AIDS.

A Free Public  
Event on

## **How Mathematics Provides Information about HIV/AIDS**

**MONDAY, OCTOBER 22, 2007**

8:00 p.m. to 9:00 p.m.



A Scientific  
Talk on

## **Modeling Immune Responses: Coping with Diversity Using Shape-Space Formulations**

**TUESDAY, OCTOBER 23, 2007**

2:00 p.m. to 3:00 p.m.

*A reception will follow from 3:00 p.m. to 4:00 p.m., in MSRI's Atrium.*

A Scientific  
Talk on

## **Mathematical Modeling of Viral Infections of Humans: Influenza and Hepatitis**

**THURSDAY, OCTOBER 25, 2007**

4:00 p.m. to 5:00 p.m.

*Preceding the lecture, tea will be served from 3:30 p.m. to 4:00 p.m.  
in MSRI's Atrium.*

### **LOCATION**

All three lectures are to be held in the Simons Auditorium at

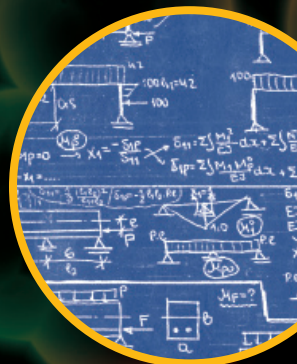
**MSRI's Chern Hall, 17 Gauss Way, Berkeley**

Near the intersection of Centennial Drive & Grizzly Peak Blvd.

For parking information, please visit the following web link:

[http://www.msri.org/about/directions/index\\_html#P](http://www.msri.org/about/directions/index_html#P)

or call us at **510-642-0143**.



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