

Department of Physics  
University of Maryland  
College Park, MD 20742  
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# DEPARTMENT OF PHYSICS

UNIVERSITY OF MARYLAND

[www.physics.umd.edu](http://www.physics.umd.edu)

## **SCHEDULE OF COLLOQUIA**

Spring 2007  
College Park, MD 20742

<http://www.physics.umd.edu/events/colloquia>

# SPRING 2007 SCHEDULE OF COLLOQUIA

## UNIVERSITY OF MARYLAND DEPARTMENT OF PHYSICS

January 30

**Gerald Gabrielse**, Harvard University

*New Measurement of the Electron Magnetic Moment and the Fine Structure Constant*

February 06

**Larry McLerran**, Brookhaven National Laboratory

*The Color Glass Condensate and the Glasma*

February 13

**Ingrid Stairs**, University of British Columbia

*Relativistic Binary Pulsars*

February 20

**Aharon Kapitulnik**, Stanford University

*Spontaneously Broken Time-Reversal Symmetry in  $Sr^2RuO_4$  and other Novel Superconductors*

February 27

**David Kestenbaum**, National Public Radio

*Description of The 17th Street Canal: Anatomy of an Engineering Disaster*

March 06

**O.W. Greenberg**, University of Maryland

*The Discovery of Color, a Personal Perspective*

March 13

**Louis DiMauro**, Ohio State University

*The Attosecond Era*

March 20

**No Colloquium** - Spring Break

March 27

**Yale Goldman**, University of Pennsylvania

*Manipulating and Interrogating Molecular Motors, Nature's Soft, Smart Nanomachines, One at a Time*

April 03 - Shih - I Pai Lecture

**Vera Rubin**, Carnegie Institution of Washington

TBA

April 10

**Matias Zaldarriaga**, Harvard University

*Constraining Inflation with the CMB*

April 17

**Jeffrey Bub**, University of Maryland

*Why Quantum Theory?*

April 24

**Wim Leemans**, Lawrence Berkeley National Laboratory

*GeV Electron Beams from a Cm-Scale Laser Wakefield Accelerator*

May 01

**Herbert Levine**, University of California San Diego

*Making Decisions in a Noisy World: The Intelligent Dynamics of Microorganisms*

May 08

**Frans Pretorius**, University of Alberta

*Simulations of Binary Black Hole Coalescence*

**ALL COLLOQUIA ARE FREE OF CHARGE AND ARE HELD IN THE  
PHYSICS LECTURE HALL (1410 PHYSICS BUILDING)  
AT 4:00 PM ON TUESDAYS**

Colloquia are preceded by refreshments at the same location, beginning at 3:30 PM. Both events are open to the public. There is a modest charge for refreshments.

Parking is available in Parking Garage 2 (PG2), across the street from the Physics Lecture Hall. An attendant will give you a parking permit at the garage. For further information, please call the Physics Department at 301.405.5946 or visit:

[www.physics.umd.edu/events/colloquia](http://www.physics.umd.edu/events/colloquia)