

Science on Saturday

Princeton University Plasma Physics Laboratory
Lecture Series



January 17

SOME REFLECTIONS ON MIRRORS

by Prof. Ronald K. Perline, Department of Mathematics,
Drexel University, Philadelphia, PA

January 24

NO PROGRAM — SATs

January 31

HYDROGEN & FUEL CELLS - WHAT'S NEW AND WHAT'S NOW

by Ms. Kaye Kamp, Science Education Advisor, U.S. Department of Energy, Washington, DC

February 7

THE WORLD OF STRUCTURAL BIOLOGY AND THE PROTEIN DATA BANK

by Prof. Helen M. Berman, Board of Governors Professor of Chemistry and Chemical Biology, and Director, Protein Data Bank, Rutgers University, New Brunswick, NJ

February 14

GRID COMPUTING

by Prof. Manish Parashar, Dept. of Electrical & Computer Engineering,
Rutgers University, New Brunswick, NJ

February 21

FLOW CONTROL: FROM QUIET AIRPLANES TO ROBOTIC FISH

by Clarence W. Rowley, Assistant Professor, Mechanical and Aerospace Engineering,
Princeton University

February 28

NO PROGRAM — NEW JERSEY REGIONAL SCIENCE BOWL®

March 6

FUSION AT PPPL: SCIENTIFIC RESEARCH ON A NEW ENERGY SOURCE

by Prof. Robert Goldston, Director, Princeton Plasma Physics Laboratory, Princeton, NJ

March 13

THE DARK SIDE OF THE UNIVERSE

by Prof. Neta Bahcal, Dept. of Astrophysical Science, and
Director, Council on Science and Technology, Princeton University, Princeton, NJ

March 20

NANOTECHNOLOGY: FACT & FICTION, FANTASY & REALITY

by Dr. Paul E. Burrows, Laboratory Fellow, Pacific Northwest National Laboratory,
Richland, WA

SCIENCE ON SATURDAY is a series of talks geared toward high school students, but open to all. Students, teachers, parents, and community members are welcome. There is no fee for the program.

TIME: Lectures begin at 9:30 a.m. and usually finish by 11:15 a.m.

REGISTRATION: Register on site prior to each session. No preregistrations accepted. Seating is on a first-come first-served basis.

QUESTIONS: Call the Science-on-Saturday Hotline at (609) 243-2121 and leave a message. Your call will be returned.

CANCELLATIONS: If it is necessary to cancel a session due to snow or ice storms, a message will be left on the Science-on-Saturday Hotline.



Talks will be held in the Auditorium of the Princeton Plasma Physics Laboratory. Please note that PPPL is on the James Forrestal Campus on Route 1 North in Plainsboro, and not on the University's main campus in Princeton.

Presently, PPPL, a federal facility, is taking heightened security measures because of the September 11 national tragedy.

Upon arrival, all adult visitors must show a government-issued photo ID. This could include a passport or a driver's license. Non-U.S. citizens must show a photo ID, plus provide the following information: citizenship, date of birth, and place of birth.

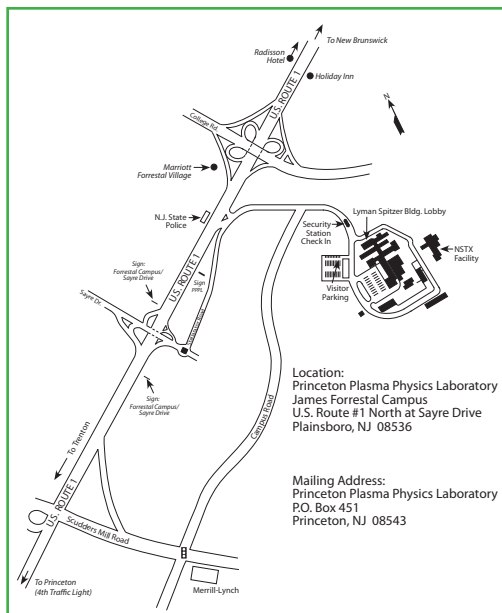
For the welfare of both our staff and visitors, PPPL security staff retains the right to inspect vehicles and personal packages such as briefcases, satchels, bookbags, and purses.

The staff and facilities of the Princeton Plasma Physics Laboratory are a valuable and unique resource for students and teachers. Meet the challenge of exploring the unknown and share the excitement of the journey. Join us in our science programs.

Science on Saturday

A series of talks geared toward high school students but open to all, the program draws more than 300 students, teachers, parents, and community members each Saturday. Topics are selected from the forefront of research in a variety of disciplines. The lectures are given by scientists, mathematicians, and other professionals involved in cutting-edge research. The program runs January through March.

For additional information please visit our website at: <http://www.pppl.gov>



Princeton Plasma Physics Laboratory
James Forrestal Campus
U.S. Rt. 1 North
Plainsboro, New Jersey

2004 Science on Saturday Program

Science Education Program
Princeton Plasma
Physics Laboratory