

2014 Science on Saturday

Princeton University Plasma Physics Laboratory Lecture Series

January 11	CONTAINING A STAR ON EARTH: UNDERSTANDING TURBULENCE AT 100 MILLION DEGREES by Walter Guttenfelder, Research Physicist, Princeton Plasma Physics Laboratory
January 18	PHYSICS OF CANCER by Wolfgang Losert, Associate Professor, University of Maryland
January 25	THE ATMOSPHERE AS A LABORATORY: AEROSOLS, AIR QUALITY, AND CLIMATE by Peter DeCarlo, Assistant Professor, Drexel University
February 1	THE INVISIBLE WORLD OF MARINE MICROBES: HOW EARTH'S SMALLEST LIVING THINGS HAVE THE BIGGEST IMPACT ON HOW OUR OCEAN WORKS by Kay Bidle, Associate Professor, Institute of Marine and Coastal Sciences, Rutgers University
February 8	UNCOVERING OUR COSMIC ORIGINS: WHAT WE KNOW, WHAT WE CAN KNOW, AND WHAT LIMITS WE MAY FACE by William Jones, Assistant Professor of Physics, Princeton University
February 15	BLOWN AWAY: WHAT KNOT TO DO WHEN SAILING BY SIR RANDOLPH BACON III (COUSIN -IN-LAW TO COLIN ADAMS) by Colin Adams, Thomas T. Read Professor of Mathematics, Williams College
February 22	NO LECTURE — DOE'S NJ HIGH SCHOOL SCIENCE BOWL®
March 1	CAN STUDYING INFINITE DIMENSIONAL SPACE HELP US IMPROVE HEALTHCARE? by David Scheinker, Joint Research Fellow at the MIT Sloan School of Management and Massachusetts General Hospital, Drexel University
March 8	FROM MOOC TO MIIC: CAN EFFECTIVE LEARNING BE BIG? by Mung Chiang, Arthur LeGrand Doty Professor of Electrical Engineering, Princeton University
March 15	WHAT ART CAN TELL US ABOUT THE BRAIN by Margaret Livingstone, Professor of Neurobiology, Harvard University

Talks will be held in the Auditorium of the Princeton Plasma Physics Laboratory, James Forrestal Campus, U.S. Route 1 North in Plainsboro, NJ
FOR ADDITIONAL INFORMATION PLEASE VISIT OUR WEBSITE AT: www.pppl.gov

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: Doors open at 8:15 a.m. Lectures begin promptly at 9:30 a.m. and usually last one hour followed by a moderated question-and-answer session which typically ends 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.

CANCELLATIONS: If it becomes necessary to cancel a session due to inclement weather, laboratory or national emergency, a message will be left on the Science-on-Saturday Hotline at (609) 243-2121.



Presently, PPPL, a federal facility, is taking heightened security measures. 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 retain the right to inspect vehicles and personal packages such as briefcases, satchels, bookbags, and purses.