

At PPPL THIS WEEK

MONDAY, JANUARY 16

Theory Seminar

1 p.m. ♦ T-169

Spontaneous Generation of Turbulence
in Magnetic Reconnection

W. Daughton (LANL)

TUESDAY, JANUARY 17

Theory Seminar

10 a.m. ♦ T-169

Nonlinear Dynamics of Beta-Induced
Alfvén Eigenmode Excited by
Energetic Particles in Tokamak Plasmas

X. Wang (Zhejiang University)

Theory Seminar

11 a.m. ♦ T-169

Spatial-Temporal Evolution of the
Nonlinear DW-GAM System

Z. Qiu (Zhejiang University)

PPPL Colloquium

4:15 p.m. ♦ M.B. Gottlieb Auditorium

Solar Probe Plus: Instruments for a
Solar Encounter Mission

Justin Kasper (Harvard University)

[CLICK HERE FOR ABSTRACT](#)

WEDNESDAY, JANUARY 18

Theory Seminar

10:45 a.m. - 12 p.m. ♦ T-169

Capitalizing on a Better Understanding
of Plasma Turbulence

Frank Jenko (Max Planck Institute)

FRIDAY, JANUARY 20

DIII-D Science Meeting

1 p.m. - 2:30 p.m. ♦ B-233

SATURDAY, JANUARY 21

Science on Saturday

9:30 a.m. ♦ M.B. Gottlieb Auditorium

Visualizing the Atomic World

Udo Schwarz (Yale University)

PPPL Noted for World Leading Advances

“The practical importance of fusion energy is matched by the beauty and power of its science. This science has undergone a fundamental transformation in the last generation, and PPPL has been at the center of that transformation. This science now enables exquisite control, interpretation, and prediction of fusion systems, and laboratory experiments are working with observations and theory to address questions of astrophysics in the laboratory for the first time. PPPL’s world-leading advances have come in measurement, computation, and invention. The class of the science is well suited to Princeton University’s overarching aim to be at the leading edge of questions whose answer has high societal impact. It is a goal that is shared by the Department of Energy’s Office of Science.”



— Dr. Edmund J. Synakowski

Associate Director, Office of Science for Fusion Energy Sciences
U.S. Department of Energy

Hawryluk Delivers ITER Talk at PPPL

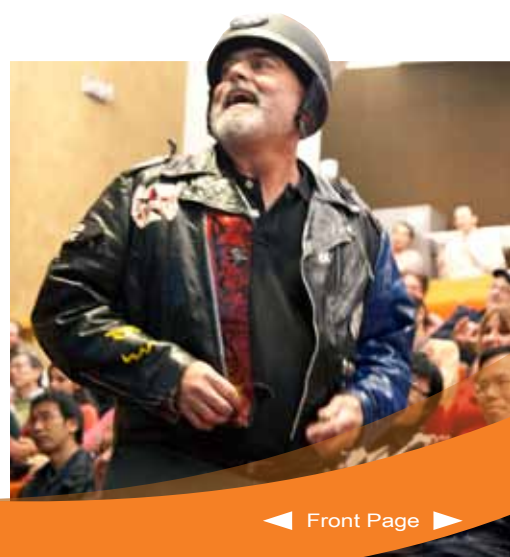


Richard Hawryluk, right, deputy director-general of the ITER Organization and director of its administration department, presented, “Update on ITER Status,” during a special colloquium at PPPL on December 20. The ITER project, currently under construction in France, aims to demonstrate that fusion is an energy source of the future.

PPPL'ers Revel in Holiday Bash



PPPL staff took part in the Holiday Luncheon festivities on December 22, enjoying a buffet luncheon, laughter, and conversation in the Lobby and Cafeteria, followed by a skit, *"The Day the Lab Stood Still,"* and raffle in the Auditorium. Clockwise from top right are: Chris Stires (left) and Andrea Moten share food and smiles at the luncheon; Barbara Sobel (left) and Keith Erickson enjoy the party; Al von Halle encourages the audience to participate in *"It's Fun to Work at the PPPL"* song at the conclusion of the skit; Ray Camp (left) and Michael Gonzalez portray Stewart Prager and Adam Cohen, respectively, during the opening number of the skit; (from left) Andrew Zwicker, Irving Zatz, and Carl Scimeca perform *"Stairway to Fusion"*; employees fill the Lobby to load up their plates during the luncheon; a festive cheese platter is one of the buffet offerings; and (from left) Cassandra Pugh, Sandy Shaw, and Neil Gerrish party down!



Plasma Hutch is Open

New Logo Items Now Available

Merchandise emblazoned with PPPL's new logo is now available for purchase at the Plasma Hutch. The Hutch, open on Fridays from 11:30 a.m. to 12:30 p.m., now includes T-shirts, hats, polo shirts, zipper sweatshirts, pullover sweatshirts, and travel mugs, all with the new logo. From left, PPPL's Sonja Patterson and Jean Wernock stock the cabinets with the new goods.

T-shirts	\$12
Hats	\$12
Polo Shirts Size: S-XL	\$20
Polo Shirts Size: 2XL, 3XL	\$24
Zipper Sweatshirts with Hood	\$35
Pullover Sweatshirts with Hood	\$32
Travel Mugs	\$10



Thanks to PPPL'ers for Holiday Food Drive Contributions

PPPL's holiday spirit glowed in December. The Laboratory helped Princeton University collect a total of about 3,580 pounds of food and personal hygiene items for the Mercer Street Friends Food Bank. As the University's Erin Metro said, "Wow! We not only met our goal of 3200 pounds, but we crushed it!"

Mercer Street Friends is a Quaker-affiliated, nonsectarian human care organization providing compassionate and practical solutions to the problems of poverty and health.

They serve more than 20,000 people a year from seven locations and 15 program sites, including the historic original location, a former Friends meeting house in the Mill Hill section of Trenton. Their programs serve infants, children, youth, parents and adults, and the disabled and elderly. ■



Employment Opportunities at PPPL

- Buyer, Intermediate
- Associate Research Physicist
- Co-Head, CPPG
- Computational Plasma Physicist
- Janitor
- PEARL Laboratory Technician
- Associate Research Physicist - Computational Physicist
- Associate Research Physicist - JET
- Associate Research Physicist - Theoretical Research (2 openings)
- Associate Research Physicist - Tokamak
- Associate Research Scientist
- Head of Theory



For more information go to: jobs.princeton.edu

STOP Program Training

The Safety Training Observation Program (STOP) is part of PPPL's ongoing mission to prevent workplace injuries. The goal is to reinforce safe behaviors and practices, and to discourage unsafe behaviors and practices by addressing the reasons and actions that lead to them.

If you are interested in participating in the STOP program, or currently participate but would like a refresher, training will be held:

WEDNESDAY, JANUARY 25, 2012
9 - 10:30 A.M. IN B-318

STOP observations provide a valuable service to the Laboratory, and a small commitment on your part can have a big impact on the safety of your friends and coworkers.

What would you have to do? Observe people work, talk with them about what you see, and fill out a STOP card. That's it!

If you're interested, please contact Dorothy Strauss (dstrauss@pppl.gov) by Monday, January 23.

COLLOQUIUM

Solar Probe Plus: Instruments for a Solar Encounter Mission

JUSTIN KASPER
 Harvard University

Tuesday, January 17

4:15 p.m. (Coffee/Tea at 4 p.m.)
M.B. Gottlieb Auditorium, Lyman Spitzer Building

2012 Science on Saturday

Princeton University Plasma Physics Laboratory Lecture Series

Visualizing the Atomic World

UDO SCHWARZ
 Yale University

Saturday, January 21, 2012

9:30 a.m.
M.B. Gottlieb Auditorium, Lyman Spitzer Building

From the PPPL Site Protection Division



IMPORTANT SECURITY PHONE NUMBERS

EMERGENCY PHONE	Dial 3333
Non-Emergency Security Assistance	Dial 2536
Badge Office	Dial 2898
Booth 6	Dial 2534
Captain's Desk	Dial 3166
Communications Center	Dial 2536
Emergency Services Building	Dial 3166
Site Protection FAX	Dial 3666



PPPL CAFÉ MENU

MONDAY, JAN. 16

TUESDAY, JAN. 17

WEDNESDAY, JAN 18

THURSDAY, JAN. 19

FRIDAY, JAN. 20

COMMAND PERFORMANCE
CHEF'S FEATURE



Baked Ziti with Garlic Toast



Create Your Own... Chicken Caesar Salad



Pasta Bolognese with Garlic Bread



Create Your Own... Pork Carnita Burrito



Lasagna with Turkey Meat Sauce

EARLY RISER

Greek Omelet

Ham, Egg and Cheese on a Bagel

Bacon, Tomato and Onion Omelet

Steak, Egg and Cheese Quesadilla

Hash Browns, Egg and Cheese on a Kaiser Roll

COUNTRY KETTLE

Chicken Rice

Broccoli and Cheddar

New England Clam Chowder

Black Bean with Ham

Loaded Potato

GRILLE SPECIAL

Double Decker Grilled Cheese with Bacon w/ Fries

The Greek Chicken Cheese Steak w/ Fries

Grilled Monte Cristo

Vegetarian Quesadilla

Black Bean, Roasted Corn and Tomato Quesadilla

DELI SPECIAL

Turkey, Bacon and Cheddar Wrap

Shanghai Stir Fry Vegetable Cabbage Wrap

Classic Ham and Cheese Hoagie

Prosciutto, Mozzarella Cheese, Tomato and Basil

Louisiana Shrimp Salad Wrap

PANINI

Salami, Capicola, Provolone, Peppers/Pesto

Roasted Eggplant Parmesan

Grilled 3 Cheese and Smoked Bacon

Swiss Honey Ham and Cheese

Classic Tuna Melt Panini

MENU SUBJECT TO CHANGE WITHOUT NOTICE

[CLICK HERE FOR A PRINTABLE WEEKLY MENU](#)

WEEKLY

Editor: **Patti Wieser** ♦ Copy Editor /Graphic Design: **Gregory Czechowicz**
 Photography: **Elle Starkman** ♦ Web: **Chris Cane**

PPPL WEEKLY is published by the PPPL Office of Communications on Mondays throughout the year except for holidays.

Deadline for calendar item submissions is noon on Thursday. Other stories should be submitted no later than noon on Wednesday.

Send to: pwieser@pppl.gov ♦ Comments: commteam@pppl.gov ♦ PPPL WEEKLY is archived on the web at: <http://www.pppl.gov/ppplweekly.cfm>