



February 27–March 5, 2017

Ronald E. Hatcher
Science on Saturday LECTURE SERIES

**Eyes wide open and all hands
on deck: Challenges and
opportunities in responding to
the risks of climate change**

Elke Weber

Princeton University



Saturday, March 4

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

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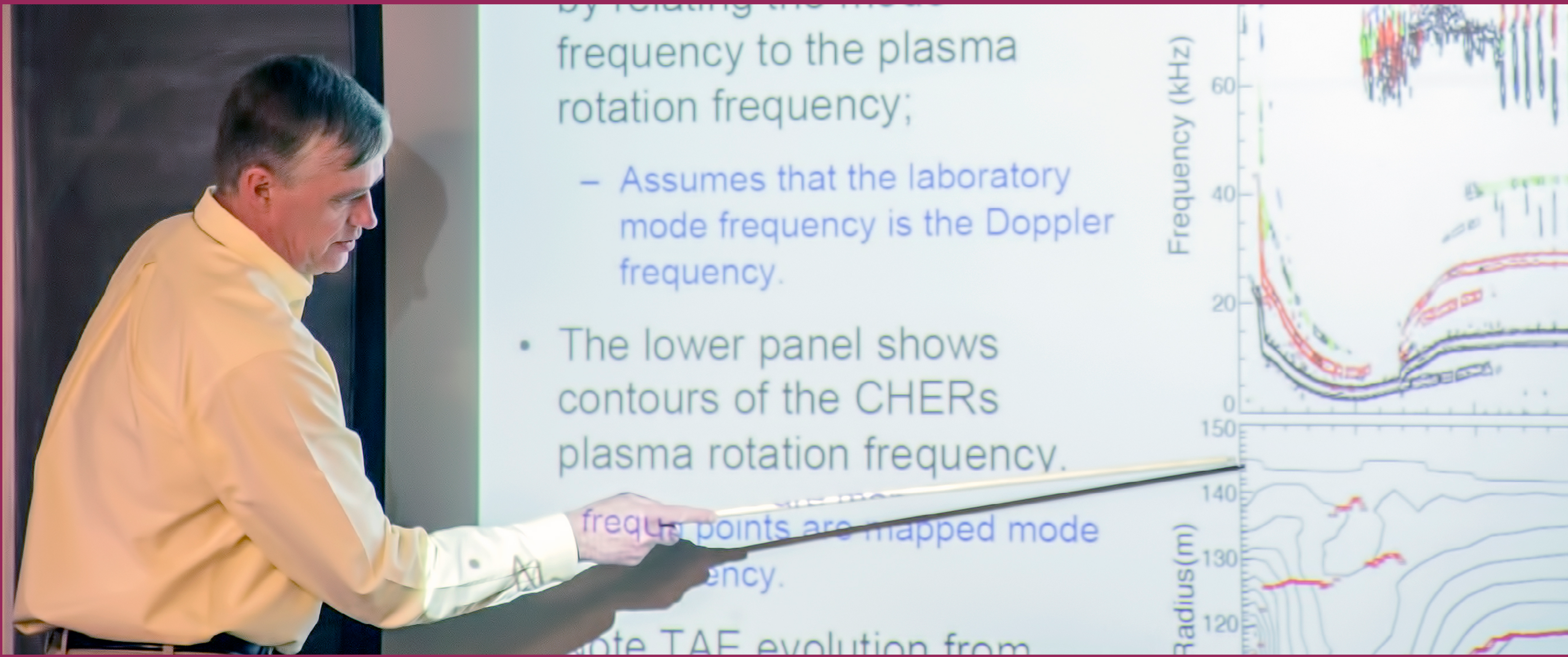
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PPPL conference launches collaboration with University of São Paulo in Brazil



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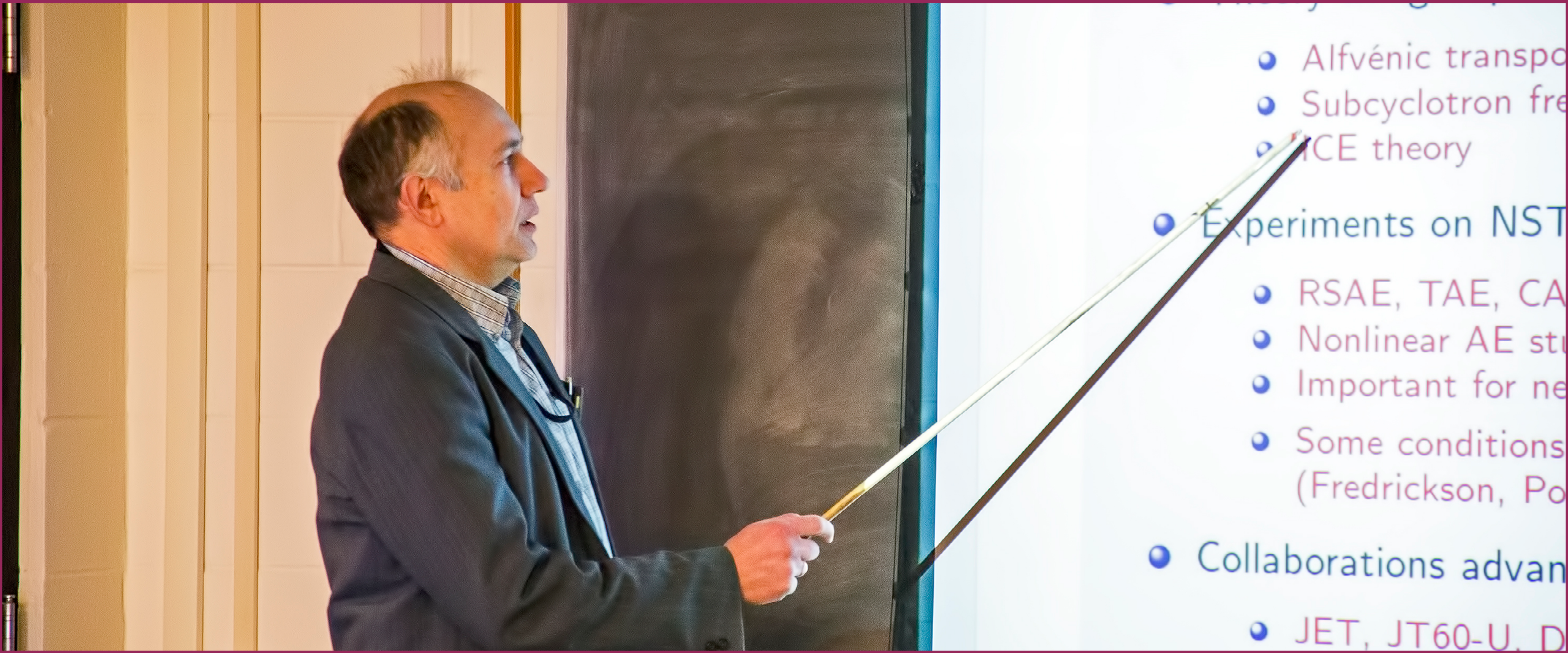


- Requires particles to remember their phases from one trapping bounce to another;
- Full kinetic approach necessary;
- Entropy is conserved in the absence of collisions.

- Requires collisions
- Assumes (therefore) distributions evolve non-linearly
- Entropy is not conserved in the presence of collisions.

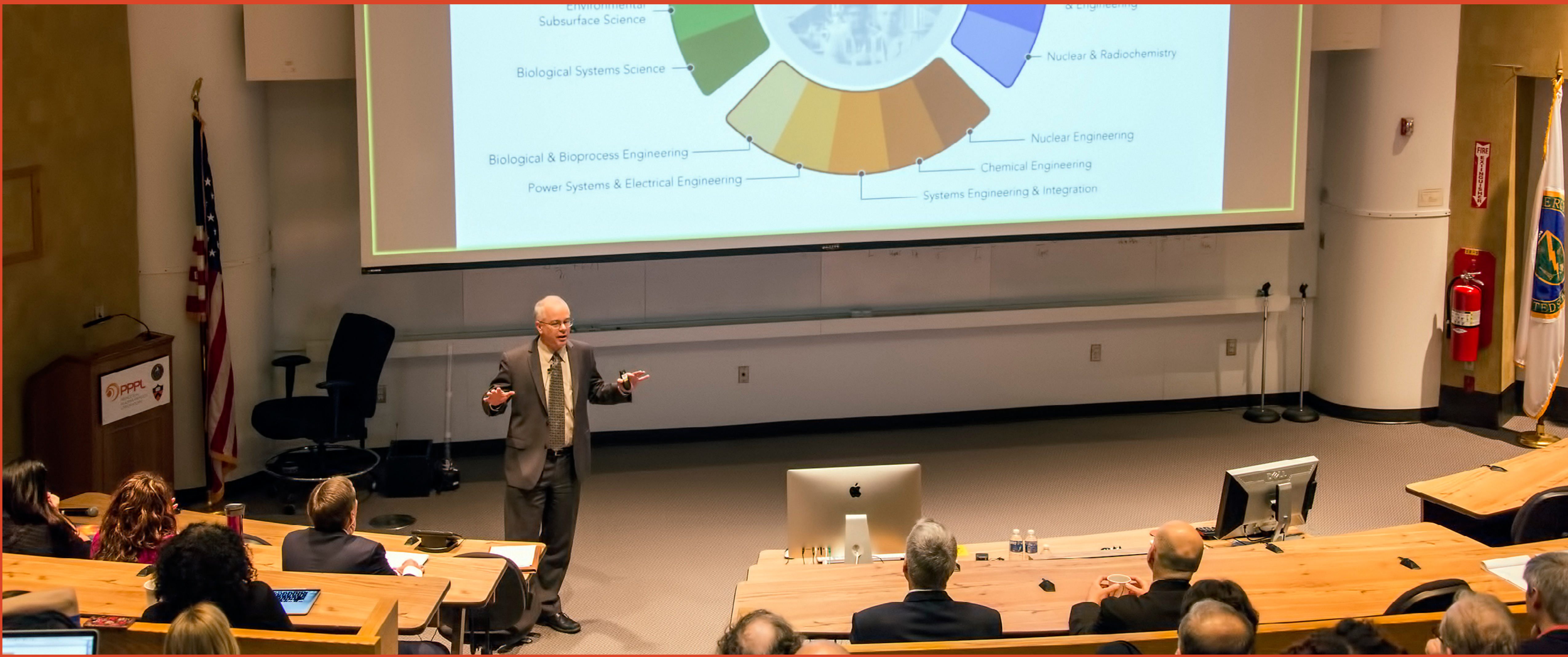
The chirping criterion is a useful tool to make sure the model is applicable for a given

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- Alfvénic transport
- Subcyclotron frequency
- ICE theory
- Experiments on NST
- RSAE, TAE, CA
- Nonlinear AE structure
- Important for neoclassical
- Some conditions (Fredrickson, Po
- Collaborations advanced
- JET, JT60-U, D

Tony Peurrung, PNNL associate director, gives national security overview and tours the Laboratory



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NSTX-U cooling water system is subject of sixth DVVR



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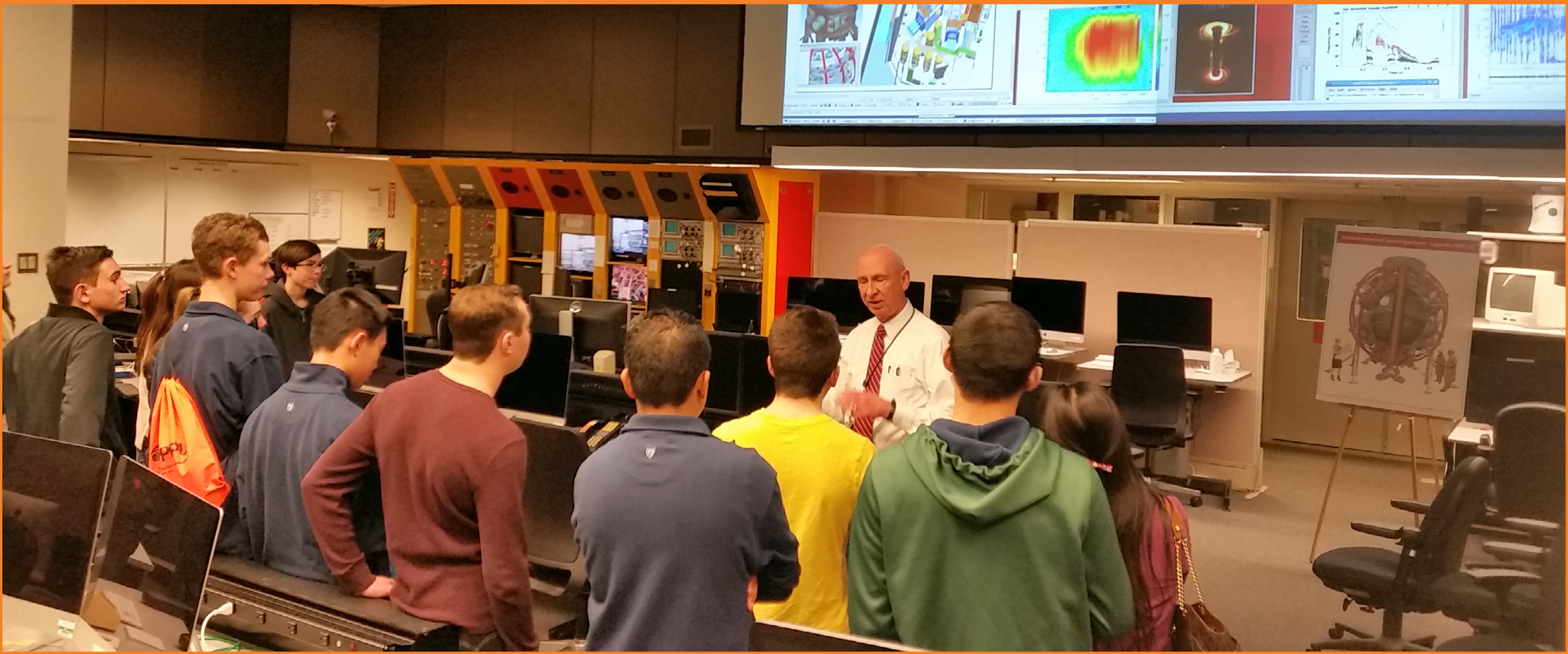
Third graders learn about plasma science



Third graders learn about plasma science



Explorer's group tours PPPL



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Volunteers wanted for Mercer Science and Engineering Fair

Organizers of the Mercer Science and Engineering Fair are looking for scientists and engineers to volunteer as judges of fourth to twelfth-grade science projects during the fair in March at Rider University

Students from Mercer County schools show off their original science projects at the fair from March 12 to March 15. Judging takes place March 12 to 13. Additional information about the fair is available at <https://mercersec.org/about/msef>.

To volunteer, go to mercersec.org/help/BecomeAJudge or contact Kevin Lamb, klamb@pppl.gov or Hans Schneider, hschneid@pppl.gov.

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Staff, Family & Friends Ski & Snowboard Trip

Join your co-workers, families and friends for a fun day of skiing and riding at Shawnee Mountain on Saturday, March 4. Shawnee's Best Value package includes lift ticket, equipment rental and lessons for only \$65 and other discounts are available. Reservations and payment due March 1.

**Contact Rob Sheneman, ext. 3392, rsheneman@pppl.gov
to reserve a spot.**

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American Red Cross Blood Drive

Wednesday, March 15
8 a.m.–1 p.m.

Appointments are preferred. Please call the OMO at ext. 3200 or go to redcrossblood.org and enter sponsor code PPPLPrinceton.

You can make a difference! Your blood donation matters!

Thank you!

—American Red Cross, Occupational Medicine Office and Human Resources

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BROCK

NICK PETTI

Chef Manager

Premier

Café

at PPPL

BREAKFAST 7 a.m. • 10 a.m.

CONTINENTAL BREAKFAST 10 a.m. • 11:30 a.m.

LUNCH 11:30 a.m. • 1:30 p.m.

SNACK SERVICE until 2:30 p.m.

	Monday February 27	Tuesday February 28	Wednesday March 1	Thursday March 2	Friday March 3
COMMAND PERFORMANCE Chef’s Feature	Asian Power Bowl	Taco Bar Tuesday served with Rice and Beans	Pollo Piccata over Linguine with Green Beans	Sloppy Joe with Tater Tots	Shrimp Basket
Early Riser	Blueberry Pancakes	Scrapple and Eggs	Tater Tot Breakfast Bake	Ham, Egg & Cheese French Toast	Bacon, Spinach & Mozzarella Quesadilla with Cilantro Cream
Country Kettle	Cream of Broccoli	Minestrone	Chicken Pot Pie	Cream Of Mushroom	Beef and Rice
Deli Special	Egg Salad Club Sandwich Wrap	Prosciuttini and Provolone on Semolina Hero	Lemon Rosemary Turkey Sandwich	American Hoagie with Ham, Bologna, and American Cheese	Capicola, Pepperoni, Salami, and Fresh Mozzarella with Spicy Pepper Pesto Mayo
Grille Special	My Big Fat Greek Turkey Burger	Made to Order Grill	Sweet and Sour Salmon Burger on a Whole Wheat Roll with Lettuce, Tomato and Grilled Scallion	Grilled Margherita Sandwich	Philly-Style Cheesesteak Calzone
Panini	Spicy Crab Salad Wrap	Chicken Breast, Fontina Cheese, Pesto Mayonnaise & Tomato on Ciabatta Bread	Buffalo Chicken Sliders served with Fries	Meatball Pepper and Onion Sandwich	NY Street Dog— 2 Sabrett Hot Dogs with Sauerkraut, Red Onions & Mustard served with Fries

MENU SUBJECT TO CHANGE WITHOUT NOTICE

HEART HEALTHY

VEGETARIAN OPTION

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