

# Ronald E. Hatcher Science on Saturday LECTURE SERIES

Winter  
2022

Saturdays at 9:30 a.m. on PPPL Zoom

Jan. 29	<b>New Technological Frontiers in Cities</b> Professor Elie Bou-Zeid, Princeton University
Feb. 5	<b>Diagnosing fusion plasmas - How to perform measurements in a 100 million degree environment?</b> Dr. Florian Laggner, Princeton Plasma Physics Laboratory
Feb. 12	<b>Animating Molecular Machines</b> Professor Janet Iwasa, University of Utah, School of Medicine
Feb. 26	<b>Answering a 40-year-old riddle: can Alfvén waves cause auroras?</b> Professor James Schroeder, Wheaton College
Mar. 5	<b>Hurricane forecasting and ocean robots: How new technology is changing the way we study and predict extreme storms</b> Professor Travis Miles, Rutgers University
Mar. 12	<b>Feeling the Heat: Fusion Plasmas Used to Study Spacecraft Heat Shields</b> Professor Evdokiya Kostadinova, Auburn University

Register  
Here

<https://pppl.zoom.us/j/9151qg1U3a1WaEHLNw>

**SCIENCE ON SATURDAY** is a free series of talks geared toward high school students but open to all. Students, teachers, parents, and community members are welcome.

**TIME:** 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.

**CANCELLATIONS:** If it becomes necessary to cancel a session, a message will be left on the Science on Saturday Hotline at (609) 243-2121.



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