

# Ronald E. Hatcher Science on Saturday LECTURE SERIES

**Saturdays at 9:30 a.m.** in PPPL's MBG Auditorium

<b>Jan. 13</b>	<b>From Lemons to Lithium, Squeezing More Life out of Batteries</b> Craig Arnold, Princeton University
<b>Jan. 20</b>	<b>Improbable Research and the Ig Nobel Prizes</b> Marc Abrahams, Editor, Annals of Improbable Research
<b>Jan. 27</b>	<b>Magnetic Explosions in the Plasma Universe</b> Amitava Bhattacharjee, PPPL
<b>Feb. 3</b>	<b>Synthetic Muscle for Deep Space Travel</b> Lenore Rasmussen, Ras Labs
<b>Feb. 10</b>	<b>Electromagnetic Screening for Airport Security</b> Carey Rappaport, Northeastern University
<b>Feb. 17</b>	<b>Self-Driving Cars and AI: Transforming our Cities and our Lives</b> Jeff Schneider, Carnegie Mellon University
<b>Feb. 24</b>	<b>No Science on Saturday</b>
<b>Mar. 3</b>	<b>Looking Ahead A Split Second: How The Brain Learns Predictions In An Unpredictable World</b> Sam Wang, Princeton University
<b>Mar. 10</b>	<b>Control in the Sciences of Vast Length and Timescales</b> Herschel A. Rabitz, Princeton University Andrea Woody, University of Washington
<b>Mar. 17</b>	<b>On the Path to Clean Fusion Energy</b> Michl Binderbauer, TAE Technologies

**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:** 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. Talks will be held in the MBG Auditorium of the Princeton Plasma Physics Laboratory.

**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.



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