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**MEDIA ALERT** | For Immediate Release  
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## **NEXT CAFÉ SCI TO EXPLORE CARBON CAPTURE TECHNOLOGY**

### ***PITT PROFESSOR EXAMINES REALITY OF MAKING FOSSIL FUELS A CLEANER OPTION***

PITTSBURGH, Jan. 26, 2017 — Is it possible to reduce the impact of fossil fuel-based power plants on the environment? At Carnegie Science Center's next Café Scientifique, engineering professor Christopher Wilmer will discuss the technology designed to capture harmful emissions. This free event will take place on Monday, Feb. 6, from 7 – 9 pm.

During his talk, "**Is Carbon Capture Realistic?**" Wilmer will discuss the future of carbon capture technology. This active area of engineering research explores the development of technologies that can be retrofitted onto fossil fuel-based power plants to reduce greenhouse gas emissions into the atmosphere. Retrofitting thousands of coal power plants across the globe would be a massive undertaking, and researchers need to know how feasible such a project would be.

Wilmer's presentation will consider this problem from the molecular scale and ask what the most efficient carbon capture membrane would look like, whether it can realistically help mitigate global warming, and how it compares to existing technologies.

Wilmer is an assistant professor in the Chemical and Petroleum Engineering Department at the University of Pittsburgh. His research focuses on the use of large-scale molecular simulations to help find promising materials for energy and environmental applications.

After the talk, audience members will be invited to ask questions and become part of the discussion. Admission to Café Sci is free. Food and drinks are available for purchase. Doors open at 6 pm. The evening includes time for informal discussion, eating, and drinking.

For more information and to register, visit [CarnegieScienceCenter.org](http://CarnegieScienceCenter.org) or call 412.237.3400.

This event is part of the *Strange Times* series presented by Carnegie Nexus. For more information about other Carnegie Nexus events, visit [nexus.carnegiemuseums.org](http://nexus.carnegiemuseums.org).

**About Carnegie Science Center**

Carnegie Science Center is dedicated to inspiring learning and curiosity by connecting science and technology with everyday life. By making science both relevant and fun, the Science Center's goal is to increase science literacy in the region and motivate young people to seek careers in science and technology. One of the four Carnegie Museums of Pittsburgh, the Science Center is Pittsburgh's premier science exploration destination, reaching more than 700,000 people annually through its hands-on exhibits, camps, classes, and off-site education programs.

**About Carnegie Museums of Pittsburgh**

Established in 1895 by Andrew Carnegie, Carnegie Museums of Pittsburgh is a collection of four distinctive museums: Carnegie Museum of Art, Carnegie Museum of Natural History, Carnegie Science Center, and The Andy Warhol Museum. In 2016, the museums reached more than 1.4 million people through exhibitions, educational programs, outreach activities, and special events.

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