

Adler Planetarium's Kavli Lecture Engages Viewers Across the Globe in "Our Planetary Experiment" with Fulldome Climate Science Presentation

CHICAGO – April 26, 2018 – The increase in atmospheric carbon dioxide due to burning coal, oil and gas represents an unprecedented experiment on the planet Earth. On May 9, viewers across the world will be able to experience a virtual presentation on the latest information about climate science during the *Kavli Fulldome Lecture Series* created and hosted at Chicago's Adler Planetarium. Dr. Daniel P. Schrag, Sturgis Hooper Professor of Geology, Professor of Environmental Science and Engineering at Harvard University, and director of the Harvard University Center for the Environment, will present "Our Planetary Experiment," discussing how the history of Earth and its neighboring planets provide hints of how that experiment might unfold.

Other planetariums, schools, universities, and museums will be participating in the lecture via live domecast or YouTube 360 on Google Cardboard devices courtesy of the Adler. *The Kavli Fulldome Lecture Series* is one example of the Adler's ongoing commitment to engage all minds through public outreach regardless of location.

Event Details:

**Wednesday, May 9, 2018 at 12:00 pm (noon) and 7:30 pm CDT.
Lecture and Q&A in the *Grainger Sky Theater*.**

For ticket prices and more information, please visit the Adler website at:

<https://www.adlerplanetarium.org/events/kavli-fulldome-lecture-series-planetary-experiment-may-9/>

For the third year in a row, patients at Ann & Robert H. Lurie Children's Hospital of Chicago will be able to participate in the *Kavli* lecture from the comfort of their hospital rooms. In an ongoing partnership with the Adler, kids are able to watch the lecture via donated Google Cardboard headsets.

"Partnering with the Adler Planetarium to bring the Kavli Fulldome Lecture Series to our patients is an incredible learning opportunity", said Scott Zagalak, School Services Coordinator at Ann & Robert H. Lurie Children's Hospital of Chicago. "The lectures help our patients and their families broaden their horizons and escape the confines of the hospital with the help of the Google Cardboard VR devices. During this last lecture, the patients were in complete awe and full of excitement to learn about outer space from an expert in the field. I do not think any of the participants stopped smiling once during the lecture."

Partners utilizing VR/ Google Cardboard:

- Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, Illinois
- Fort Worth Museum of Science and History's Noble Planetarium, Fort Worth, Texas
- Boonshoft Museum of Discovery's Caryl D. Philips Space Theater, Dayton, Ohio
- Cradle of Aviation Museum's JetBlue Sky Theater Planetarium, Garden City, New York



- Illinois Science Council, Chicago, Illinois

Partners participating in live domecast:

- Maloka Science Center, Bogota, Colombia
- Peoria Riverfront Museum's Dome Planetarium, Peoria, Illinois
- H. R. MacMillan Space Centre's Planetarium Star Theater, Vancouver, Canada
- University of Minnesota Bell Museum of Natural History + Planetarium, Minneapolis, Minnesota
- Mayo High School's Planetarium, Rochester, Minnesota
- University of Wisconsin's Manfred Olson Planetarium, Milwaukee Wisconsin
- Pacific Science Center's Willard Smith Planetarium, Seattle, Washington
- ESO Supernova Planetarium & Visitor Center, Garching bei München, Germany
- INSPIRIA Science Center's Planetarium, Grålum, Norway
- Museum of Discovery's OtterBox Digital Dome Theater, Fort Collins, Colorado
- Saint Paul Public Schools' Como Planetarium, St Paul, Minnesota
- University of Alaska's Planetarium and Visualization Theater, Anchorage, Alaska
- Minnesota State University Moorhead's Planetarium, Moorhead, Minnesota

About the Kavli Fulldome Lecture Series:

The *Kavli Fulldome Lecture Series*, now in its fifth installment, takes audiences on a journey to the very edges of human knowledge. Adler experts and leading scientists work together to create dazzling, animated images of real data, which are projected onto the planetarium dome creating an immersive experience. It is designed to recognize and showcase groundbreaking discoveries in astrophysics, nanoscience and neuroscience. In partnership with the Kavli Foundation, the lecture series is a bi-annual event that began in 2015.

Recognition:

The Adler Planetarium gratefully acknowledges The Kavli Foundation—which is dedicated to the goals of advancing science for the benefit of humanity and promoting increased public understanding and support for scientists and their work—for its generous support of *The Kavli Fulldome Lecture Series*.

About the Adler Planetarium:

The Adler Planetarium—America's First Planetarium—is more than a museum; it is a laboratory, a classroom, and a community exploring the Universe together. Each year, almost 600,000 visitors experience the museum's interactive exhibitions, live planetarium shows, hands-on, minds-on STEM education programs, and world-class collections. Founded in 1930 by Chicago business leader Max Adler, the Adler Planetarium is a recognized leader in public engagement. The museum's scientists, historians, and educators inspire the next generation of explorers and invite you to explore space with us. ☒