

Adler Planetarium's Kavli Lecture Takes Audiences Across the Globe through A *Universe of Surprises* in the latest Fulldome Presentation

CHICAGO – October 2, 2019 – Our Universe is full of surprises, from ghost remnants of black hole jets to exotic planets around distant stars to Boyajian's star, the most mysterious star in our galaxy. Drs. Chris Lintott and Laura Trouille will use these unexpected discoveries to explore what we know—and what we don't—about our dynamic Universe through stunning visualizations during the Adler's *Fulldome Kavli Lecture Series* November 1-2 in our *Grainger Sky Theater*.

The lecture will examine how scientists cope with surprises, reveal what it's like to think you might have found aliens, and explain how you too might make a remarkable discovery from the comfort of your home. With future telescopes, scanning the sky night after night, set to provide astronomers with a dynamic view of the Universe for the first time, there's never been a better time to look up at the night sky—and be surprised!

Laura Trouille is vice president of Citizen Science at the Adler Planetarium and a research associate at Northwestern University. Chris Lintott is a Professor of Astrophysics at the University of Oxford. He is involved in a number of popular science projects aimed at bringing astronomy to a wider audience, including as main presenter of the BBC TV series, *The Sky At Night*. Together, Chris and Laura lead *Zooniverse*, the largest online citizen science platform, with 1.8 million participants worldwide.

Event Details:

**Friday, November 1, at 7:30 pm, and Saturday, November 2, at 12:00 (noon) CDT
Lecture and Q&A in the state-of-the-art *Grainger Sky Theater*.**

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

<https://www.adlerplanetarium.org/events/universe-of-surprises/>

Other planetariums, schools, universities, and museums will be participating in the lecture via live domestic or YouTube 360 on Google Cardboard devices courtesy of the Adler. Anyone with a smartphone and a virtual reality headset can view the lecture via YouTube 360 livestream by visiting www.adlerplanetarium.org/KavliVR for details. *The Kavli Fulldome Lecture Series* is just one of the many ways the Adler is committed to engaging all minds through public outreach regardless of location.

Partners participating in live domestic:

- H. R. MacMillan Space Centre's Planetarium Star Theater, Vancouver, Canada
- Peoria Riverfront Museum's Dome Planetarium, Peoria, Illinois
- Science Center AHHA Planetarium, Tartu, Estonia
- Traveling Telescopes, Nairobi, Kenya

- Casper Planetarium, Casper, Wyoming
- Ella Sharp Museum's Peter F. Hurst Planetarium, Jackson, Michigan
- Immersive Vision Theater University of Plymouth, Plymouth, England
- Fernbank Science Center, Atlanta, Georgia
- Minnesota State University Moorhead's Planetarium, Moorhead, Minnesota
- Parque Explora's Jesus Emilio Ramirez Gonzalez Planetarium, Medellin, Colombia
- Ghana Planetarium, Accra, Ghana
- University of Alaska's Planetarium and Visualization Theater, Anchorage, Alaska

Partners utilizing VR/ Google Cardboard:

- Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, Illinois
- Chicago Council on Science and Technology, Chicago, Illinois
- Looking for Group, Pittsburgh, Pennsylvania
- Imiloa Astronomy Center, Hilo, Hawaii

About the Kavli Fulldome Lecture Series:

The *Kavli Fulldome Lecture Series*, now in its seventh 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 connects people to the Universe and each other. Whether it is introducing a guest to the Ring Nebula, a neighborhood school to a community partner, a research team to a network of citizen scientists, or one staff member to another, the Adler's focus on meaningful connections dates back nearly a century.

Today, the museum hosts more than half a million visitors each year and reaches millions more through youth STEM programs, neighborhood skywatching events, online citizen science, and other outreach projects. With the Adler's support, people of all ages, backgrounds, and abilities gain the confidence to

explore their Universe together and return to their communities ready to think critically and creatively about any challenge that comes their way.

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